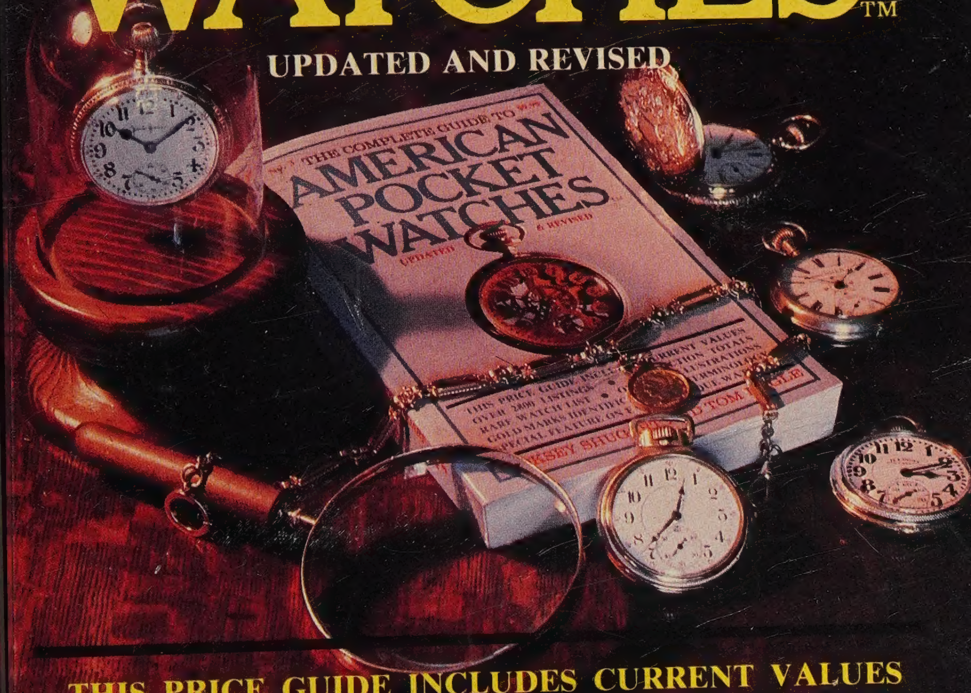
No. 4 THE COMPLETE GUIDE TO $9.95

AMERICAN POCKET WATCHES™

UPDATED AND REVISED



THIS PRICE GUIDE INCLUDES CURRENT VALUES
OVER 3,000 LISTINGS • PRODUCTION TOTALS
RARE WATCH LIST • OVER 600 ILLUSTRATIONS
GOLD MARKS IDENTIFICATION • TERMINOLOGY
WITH SPECIAL FEATURE ON EUROPEAN WATCHES

COOKSEY SHUGART AND TOM ENGLE

bezels

ASHLAND IS PROUD TO ANNOUNCE FOR A LIMITED TIME ONLY, THE AVAILABILITY OF CUSTOM FITTED BEZELS FOR YOUR GOLD OR GOLD-FILLED POCKETWATCH.

SIMPLY NOTE SIZE BEZEL REQUIRED, SEND CASE ALONG WITH CHECK OR MONEY ORDER AND $3.00 SHIPPING AND HANDLING (FOR ONE WATCH). FOR EACH ADDITIONAL WATCH, ADD $1.00 PER WATCH TO COVER POSTAGE.

STANDARD AMERICAN CASES

3/0s,0s,6s--------$8.00
12s--------------- 9.50
16s,18s-----------11.00

YOUR BEZEL WILL BE FITTED IN 2 WEEKS AND RETURNED TO YOU: SATISFACTION GUARANTEED

FLORIDA RESIDENTS ADD 5% SALES TAX

Wholesale Bezels

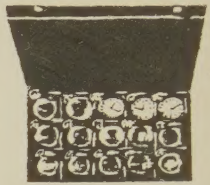
ASHLAND IS OFFERING YOU A CASH FLOW PLAN FOR BEZEL REPAIR RIGHT IN YOUR OWN PLACE OF BUSINESS. WHY MAIL A CUSTOMER'S WATCH ACROSS THE COUNTRY AND WAIT 2 TO 4 WEEKS WHEN, WITH A FILE YOU CAN REPLACE THE BEZEL IN FIVE MINUTES.

WE'LL SEND YOU A BALANCED SUPPLY OF 3/0s, 0s, 6s, 12s,16s,18s,BEZELS, THIRTY IN ALL, TO CARRY IN YOUR STOCK FOR QUICK REPLACEMENT OF YOUR CUSTOMER'S NEEDS. CASH FLOW IS ALL IMPORTANT TO ANY BUSINESS, ESPECIALLY FOR THOSE IN THE SPECIALIZED FIELDS.

MIXED LOTS OF 30 BEZELS (minimum)--------$149.50
(five ea. of 3/0s,0s,6s,12s,16s + 18s)
POSTAGE PER ORDER-----------------------$ 3.00

FLORIDA RESIDENTS ADD 5% SALES TAX

WATCH BOXES



ASHLAND, IS ONCE AGAIN OFFERING, PRE-SECTIONED WATCH BOXES, FULLY LINED IN VELVETEEN, DOUBLE SNAP FRONT, CUSHIONED UNDER LID, 15"x8"x1". BLACK ONLY!

12 section - holds - 0's to 20's
15 section - holds - 0's to 18's
18 section - holds - 0's to 16's

1 BOX---------------$12.95
SET OF 5------------ 59.95
postage per order--- 3.00

PLEASE STATE SIZE

FLORIDA RESIDENTS ADD 5% SALES TAX

ASHLAND

MOVING WITH THE TIMES

Wholesale Offerings

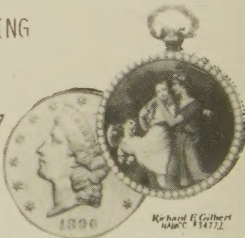
LOT #1 5 beautiful lady's gold filled hunter's cases, porcelain dials, excellent to near mint condition $325.00-postage $10.00
LOT #2 5 men's gold filled hunter's cases with nice dials and attractive cases 7-15 jewels $325.00-postage $10.00
LOT #3 5 men's open faces, engraved and plain cases, nice dials 7-15 jewels $175.00-postage $10.00
LOT #4 Glass crystals are rapidly disappearing but we have mixed lots which include sizes from 16mm-54mm
lot of 100 $ 25.00-postage $ 3.00
lot of 200 $ 45.00-postage $ 5.00
lot of 500 $100.00-postage $ 7.00
lot of 1000 $175.00-postage $10.00
LOT #5 25 mixed U. S. Movements, complete, non-runners and runners 7-15 jewels $225.00-postage $10.00
LOT #6 25 partial U. S. movements, great for dials, hands and parts $ 75.00-postage $ 5.00
LOT #7 25 complete foreign movements, non-runners and runners $ 70.00-postage $ 5.00
LOT #8 25 partial foreign movements, great for dials, hands and parts $ 40.00-postage $ 3.00

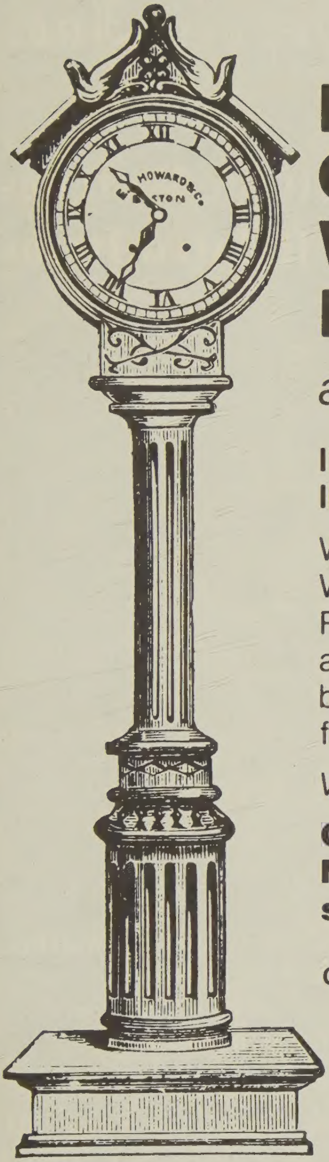
please note!

EFFECTIVE FEBRUARY 1, 1983, ASHLAND HAS FOUND A NEW AND PERMANENT HOME IN SARASOTA, FLORIDA. ALL FUTURE MAILING SHOULD BE ADDRESSED TO:

ASHLAND
SOUTHEAST BANK BUILDING
SUITE #501
1405 MAIN STREET
SARASOTA, FL 33577

☎ 813-957-3760





BOOKS ON CLOCKS, WATCHES, MUSIC BOXES

and related subjects.

IN STOCK FOR IMMEDIATE DELIVERY

We are in the mail order business. We attend most of NAWCC Regional meetings on the East Coast and in the Mid-West. Come by our booths and see what we can do for you.

VISA and MASTERCARD accepted.

GUARANTEE:
Money refunded if not satisfied for any reason.

One Day Sudden Service, and remember:

IF YOU PAID FULL PRICE — YOU DIDN'T BUY IT AT ARLINGTON BOOK CO.

arlington
book co.

post office box 327
arlington, virginia 22210-0327 u.s.a.
(202) 296-6750

Ye Olde Time Keepers Inc.

Buyers of Antique Watches & Related Items

Porcelain figural watch stand
19th century
Watch-14K Howard "L" series
with 14K bar-link chain

Our firm specializes in the sale and purchase of antique **watches**, particularly: scarce, American Keywinds & Railroads, High Grade Wristwatches (Patek Philippe, moon-dial, Vacheron, etc.) Repeaters, Multi-Colors; **Watch Keys** and **watch stands.**

Ye Olde Time Keepers Inc.
316 Fifth Avenue — Suite 301
New York, NY 10001
By Appointment Only
call collect (212) 251-2050
Dennis & Linda Nichinson

THE
COMPLETE GUIDE
TO
AMERICAN
POCKET WATCHES™
1984

Pocket Watches From 1809—1950 Included
Catalogue — Evaluation Guide — Illustrated

By Cooksey Shugart and Tom Engle

Edited by Walter Presswood

SPECIAL CONTRIBUTORS TO THIS EDITION

Dan Crawley • Bob A. Lavoie • Miles F. Sandler
William L. Scolnik • Donald J. Summar

The Complete Guide to American Pocket Watches™ Fourth Edition is copyrighted © 1984 by Cooksey G. Shugart. All rights are reserved. No part of this book may be reproduced in any form, mechanically, photographically or electronically without prior written consent from the author.

Published and distributed to the collectors market by Overstreet Publications, Inc., 780 Hunt Cliff Dr. N.W., Cleveland, TN 37311. Distributed to the book trade by Collector Books, P. O. Box 3009, Paducah, KY 42001.

ISBN: 0-89145-255-9
ISSN: 0730-2924

OVERSTREET PUBLICATIONS, INC.
780 Hunt Cliff Dr. N.W., Cleveland, TN 37311

America's Source
for Antique
Watch Material is
S. LaRose, Inc.

S. LaRose, Inc.
Worldwide Distributors to Horologists

234 Commerce Place, Greensboro, N. C. 27420, U.S.A.
(919) 275-0462

TABLE OF CONTENTS

Acknowledgements 6
Introduction 7
Collectamania 8
How to Use This Book 10
Appraising Pocket Watches 12
Appraising Guidelines 12
Grading Pocket Watches, Cases and Dials 13
Limited Budget Collecting 15
Market Report 16
Chronology of Watches 17
  Railroad Grade or Railroad Approved Watches 18
Colonial Watchmakers 23
Prestige Watches 26
Repeating Watches 27
Outstanding, High-Grade and Scarce Watches 28
Watch Size Gauges 31
Watch Cases 32
Solid Gold Cases 32
Solid Gold Marks 32
Multi-Color Gold Cases 34
Composition of Multi-Color Gold 35
Gold Filled Cases 35
Gold Filled Marks 36
London Hallmarks 37
Hunting Cases 39
Silver Case Marks 39
Swing-Out Movements 39
Inspecting Open-Faced Watches 41
Damaskeening 41
Display Case Watches 42
Watch Case Production 42
Gold Case Weights by Size 42
Care of Watches 43
Examination and Inspection of a Watch Before Purchasing 43
Movement Identification 44
How a Watch Works 46
Jeweling 52
Dial Making 54
Low Cost Production Watches (Dollar Watches) 55
Personalized Watches 57
Swiss Imported Fakes 58
How to Identify a Swiss Fake 59
European Watches Collected In America 60
European Watches—Price Section 65
Main Listing and Pricing begins 81
Abbreviations Used in **The Complete Guide to American Pocket Watches** 81
Pocket Watch Terminology 297
Protecting Antique Watch Movements 302
Movement Name Vs. True Manufacturer 303
Recommended Reading 305
Museums With Watch Collections 305
National Trade Associations 305
Current Trade Periodicals Published on a National Scale 305
Watch Data and Description 306
About The Authors 307
Advertising Section begins 308

ACKNOWLEDGEMENTS

The success of the third edition of **The Complete Guide to American Pocket Watches**$_{\text{TM}}$, published in 1983, has been indeed gratifying. It is a humbling experience for any author to see a work accepted so quickly by a market so diverse as the pocket watch field. Numbers of people have told me tht the market was anxious for a book of this type, and it is my hope that this book has lived up to their expectations.

We will continue to improve this book with each edition, incorporating suggestions, ideas, and new information from people throughout the field. That we feel will result in a continually improving **Guide**.

I am especially appreciative of Bob Overstreet, author of **The Comic Book Price Guide**$_{\text{TM}}$, for his encouragement for publishing this book, and to his family who so ably managed the production.

To Walter Presswood, who is the editor of **The Complete Guide to American Pocket Watches**$_{\text{TM}}$;

To my wife Martha, for her complete understanding and assistance in compiling this book;

To the NAWCC Museum, Hamilton Watch Co., and Bowman Techinal School, for allowing us to photograph their watches;

And to the following other people whose help was invaluable and will be long remembered: Frank Irick, John Cubbins, Harold Harris, Paul Gibson, Robert L. Ravel, M.D., William C. Heilman Jr., M.D., Thomas McEntyre, Paul Morgan, Bill Selover, Oscar Laube, Ed Kieft, Charles Wallace, Ed Timmons, Bob Walters, Jack Warren, Howard Schroeder, Edward M. McGinnis, James Gardner, Denford Jones Photographics; and a special thanks to Peter Kushnir.

* * *

Send only corrections, additions, deletions and comments to Cooksey Shugart, 780 Church St. NE, Cleveland, TN 37311. When corresponding please send a self addressed, stamped envelope.

INTRODUCTION

This book is dedicated to all pocket watch collectors who we hope will find it an enjoyable and valuable reference to carry on buying trips or to trace the lost history of that priceless family heirloom.

The origin of this book began when I was given a pocket watch which had been a part of our family for many years. After receiving the prized heirloom I wanted to know its complete history, and thus the search began. Because of the lack of a comprehensive reference on American pocket watches the venture took me through volume after volume. And over the course of ten years many hours were accumulated in running down the history of this one watch. But the research sparked my interest in the pocket watch field and pointed to the need for such a book as this one. We hope it will provide for you the answers in your searches.

— The Author

Pocket watches are unique collectibles. Since the beginning of civilization when man scooped up a handful of sand and created the hourglass, portable timepieces have held a fascination that demanded the attention of the wealthy and poor alike. Man has sought constantly to improve his time-measuring instruments and has made them with the finest metals and jewels. Thus, the pocket watch, in particular, became an ornamentation and a source of pride, and this accounts for its value among families for generation after generation.

The pocket watch has become precious and sentimental to so many because it was one of the true personal companions of the individual night and day. Mahatma Gandhi, the father of India and one of the rare people in the history of the world who has been able to renounce worldly possessions, was obsessed with the proper use of his time. Each minute, he held, was to be used in the service of his fellowman. And his own days were ordered by one of his few personal possessions, a sixteen-year-old, eight-shilling Ingersoll pocket watch that was always tied to his waist with a piece of string.

Another factor that has made pocket watches unique collectibles is the intricate artisanship with which they are put together. Many of the watches of yesteryear which were assembled with extreme accuracy and workmanship continue to be reliable timepieces. And they still stand out as unique because that type of watch is no longer manufactured. In today's world of mass production, the watch with individual craftsmanship containing precious jewels and metals can rarely be found—and, if it is found, it can rarely be afforded.

The pocket watch, well made, is a tribute to man's skills, artisanship and craftsmanship at their finest level. That is why the pocket watch holds a special place in the collectible field.

In America, there are about 80,000 avid pocket watch collectors. About 5 million people own two or more pocket watches. And an untold number possess at least one of these precious heirlooms.

The Complete Guide to American Pocket Watches does not attempt to establish or fix values or selling prices in the pocket watch trade market.

It does, however, *reflect* the trends of buying and selling in the collector market. Prices listed in this volume are based on data collected and analyzed from dealers and shops all over the country.

These prices should serve the collector as a guide only. The price you pay for any pocket watch will be determined by the value it has to you. The intrinsic value of any particular watch can be measured only by you, the collector, and a fair price can be derived only after mutual agreement between both the buyer and the seller.

It is our hope that this volume can help make your pocket watch collecting venture both pleasurable and profitable.

Information contained herein may not necessarily apply to every situation. Data is still being found, which may alter statements made in this book. These changes, however, will be reflected in future editions.

Hopefully, everyone interested in horology will research the American pocket watch and add to his library on the subject.

COLLECTAMANIA

Hobby — Business — Pastime — Entertainment

Just name it. More than likely someone will want to buy or sell it: books, coins, stamps, bottles, beer cans, gold, glassware, baseball cards, guns, clocks, pocket watches, comics, art, cars, and . . . . the list goes on and on.

Most Americans seem to be caught up in ***collectamania***. More and more Americans are spending hour after hour searching through antique shops, auctions, flea markets and yard sales for those rare treasures of delight that have been lying tucked away for generations just waiting to be found.

This sudden boom in the field of collecting may have been influenced by fears of inflation or disenchantment with other types of investments. But more people are coming into the field because they gain some degree of nostalgic satisfaction from these new tangible ties with yesteryear. Collecting provides great fun and excitement. The tales of collecting and the resultant "fabulous finds" could fill volumes and inspire even the non-collector to embark upon a treasure hunt.

Collecting for the primary purpose of investment may prove to have many pitfalls for the amateur. The lack of sufficient knowledge is the No. 1 cause for disappointment. The inability to spot fakes or flawed merchandise can turn excitement into disappointment. And, in many fields, high-class forgers are at work, doing good and faithful reproductions in large quantities that can sometimes fool even the experts the first time they see them.

Collecting for fun and profit can be just that if you observe a fair amount of caution. Always remember, amidst your enthusiasm, that an object may not be what it would first appear. Below are a few guidelines that may be helpful to you:

1. **Make up your mind** what you want to collect and concentrate in this area. Your field of collecting should be one that you have a genuine like for, and it helps if you can use the objects you collect. It may help to narrow your decision even further. For instance, in collecting watches, collect either only one company or one type of pocket watch.

2. **Gain all the knowledge you can** about the objects you collect. The more knowledge you have the more successful you will be in finding valuable, quality pieces. Amassing the knowledge required to be a good collector is easier if you have narrowed your scope of interest. Otherwise, it may take years to become an "expert." Don't try to learn everything there is to know about a variety of fields. This will end in frustration and disappointment. Specialize.

3. **Buy the best you can afford**, assuming the prices are fair. The advanced collector may want only mint articles; but the novice collector may be willing to accept something far less than mint condition due to caution and economics. Collectible items in better condition continue to rise in value at a steady rate.

4. **Deal with reputable dealers** whom you can trust. Talk with the dealer; get to know the seller; get a business card; know where you can contact the dealer if you have problems or if you want the dealer to help you find something else you may be looking for.

5. **Auctions may be one of the best places** to try to find a "bargain," even though genuine bargains are hard to get. Look for sleepers. Look for objects whose popularity is beginning to rise, buy in quantities at a reasonable price, and you can be a winner. But don't get caught up in the auction fever. Set your bid limit after you have thoroughly inspected the piece and stick to it. That way you won't go home sorry that you bought a piece that either you did not really want or that you will never be able to retrieve your investment from.

HOW TO USE THIS BOOK

The Complete Guide to American Pocket Watches is a simple reference, with clear and carefully selected information. The first part of the book is devoted to history, general information, and a how-to section. The second part of the guide consists mainly of a listing of pocket watch manufacturers, identification guides, and prices. This is a unique book because it is designed to be taken along as a handy pocket reference for identifying and pricing pocket watches. With the aid of this book, the collector should be able to make on-the-spot judgments as to identification, age, quality, and value. This complete guide and a pocket magnifying glass will be all you need to take on your buying trips.

* * *

Pocket watch collecting is fast growing as a hobby and business. Many people collect for the enjoyment and profit. The popularity of pocket watches continues to rise because pocket watches are a part of history. The American railroad brought about the greatest pocket watch of that time—the railroad pocket watch. And since that time America has produced some of the best quality pocket watches that money could buy. The gold-filled cases made in America have never been surpassed in quality or price in the foreign market. With the quality of movement and cases being made with *guaranteed* high standards as well as beauty, the American pocket watch became very desirable. Because they are no longer being made in the U. S. A., pocket watches continue to climb in value.

The pocket watch is collected for its beauty, quality in movement and case, and the value of metal content. Solid gold is the top of the line; platinum and silver are also very desirable. (Consider that some watches in the early 1900s sold between $700 and $1,000. This is equal to or greater than the price of a good car of the same period.)

As in the art field of limited edition prints, a pocket watch of supreme excellence is also limited and will increase in value. There is universal appeal and excitement in owning a piece of history, and your heirloom is just that. At one time pocket watches were a status symbol. Everyone competed for beauty and quality in the movement and case. Solid gold cases were adorned with elaborate engravings, diamonds, and other precious jewels. The movements were beautiful and of high quality because the manufacturers went to great lengths to provide movements that were both accurate and lovely. Fancy damaskeening on the back plates of nickel with gold lettering, 26 jewels in gold settings, and a solid gold train (gears) were features of some of the more elaborate timepieces. The jewels were red rubies, or diamond-end stones, or sapphires for the pallet stones. There were gold timing screws, and more. The faces were made by the best artisans of the day— hand-painted, jewel-studded, with fancy hands and double-sunk dials made of enamel and precious metals.

* * *

HOW TO DETERMINE MANUFACTURER

When identifying a pocket watch, look on the face or dial for the name of the company and then refer to the alphabetical list of watch companies in this book. If the face or dial does not reveal the company name you will have to seek information from the movement's back plate. The company name or the town where it was manufactured will likely be inscribed there. The name engraved on the back plate is referred to as the "signature." After locating the place of manufacture, see what companies manufactured in that town. This may require reading the histories of several companies to find the exact one. Use the process of elimination to narrow the list.

Note: Some of the hard-to-identify pocket watches are extremely collectible and valuable. Therefore, it is important to learn to identify them.

HOW TO DETERMINE AGE

After establishing the name of the manufacturer, you may be interested in the age of the watch. This information can be obtained by using the serial number inscribed on the back movement plate and referring to the production table. It is often difficult to establish the exact age, but this method will put you within a two- or three-year period of the date of the manufacture.

The case that houses the movement is not necessarily a good clue to the origin of the movement. It was a common practice for manufacturers to ship the movements to the jewelers and watchmakers uncased. The customer then married the movement and case. That explains why an expensive movement can be found in a cheaper case or vice versa.

If the "manufacturer's" name and location are no help, the inscription could possibly be that of a jeweler and his location. Thus, it becomes obvious there is no quick and easy way to identify some American-made watches. However, the following steps may be helpful. Some watches can be identified by comparing the models of each company until the correct model is found. Start by sizing the watch and then comparing the varied plate shapes and styles. The cock or bridge for the balance may also be a clue. The general arrangement of the movement as to jeweling, whether it is an open face or hunting case, and style of regulators may help to find the correct identification of the manufacturer of the movement.

Numbers on a watch case should not be considered as clues to the age of the movement because cases were both American- and foreign-made. And many of the good watches were re-cased through the years.

APPRAISING POCKET WATCHES

Pocket watch collecting is still young when compared to the fields of the standard collectibles: coins and stamps. The collectible field is growing but information is still scarce, fragmented, and sometimes unreliable. To be knowledgeable in any field, one must spend the time required to study it.

The value of any collectible is determined first by demand. Without the demand there is not a market. In the pocket watch trade, the law of supply and demand is also true. The supply of the American pocket watches has stopped and the demand among collectors continues to rise. There are many factors that make a pocket watch desired or in demand, and only time and study will tell a collector just what pocket watches are most collectible. After the collector or investor finds out what is desirable, there must be a value placed on it before it is sold. If it is priced too high, the pocket watch will not sell; but, on the other hand, if it is priced too low, it will be hard to replace at the selling price. The dealer must arrive at a fair market price that will move the watch.

There are no two pocket watches alike. This makes the appraising more difficult and oftentimes arbitrary. But there are certain guidelines one can follow to arrive at a fair market price. When pocket watches were manufactured, most companies sold the movements to a jeweler, and the buyer had a choice of dials and cases. Some high-grade movements were placed in a low-grade case and vice versa. Some had hand-painted multi-colored dials; some were plain. The list of contrasts goes on. Conditions of pocket watches will vary greatly, and this is a big factor in the value. The best movement in the best original case will bring the top price for any type of pocket watch.

Prices are constantly changing in the pocket watch field. Gold and silver markets affect the price of the cases. Scarcity and age also affect the value. These prices will fluctuate regularly.

APPRAISING GUIDELINES

Demand, supply, condition, and **value** must be the prime factors in appraising an old pocket watch.

Demand is the most important element. Demand can be determined by the number of buyers for that particular item. And a simple but true axiom is that value is determined by the price someone is willing to pay.

In order to obtain a better knowledge in appraising and judging pocket watches, the following guidelines are most useful. Consider all these factors before placing a value on the pocket watch. (There is no rank or priority to the considerations listed.)

1. Demand: Is it high or low?
2. Availability: How rare or scarce is the pocket watch? How many of the total production remain?
3. Condition of both the case and movement **(very important)**
4. Low serial numbers: The first one made would be more valuable than later models
5. Historical value
6. Age
7. Is it an early handmade pocket watch?
8. Type of Case: Beauty and eye appeal; value of metal content.
9. Is it in its original case? Very important.
10. Complications: Repeaters, for example.
11. Type of escapement
12. Size, number of jewels, type of plates (¾, full and bridge), type of balance, type of winding (key-wind, lever-set, etc.), number of adjustments, gold jeweled settings, damaskeening, gold train.
13. What grade of condition is it? Pristine, Mint, Extra Fine, Average, Fair, or Scrap?
14. Identification ability
15. Future potential as an investment
16. Quality (high or low grade), or low cost production watches (dollar watch)
17. How much will this watch scrap out for?

GRADING POCKET WATCHES,

Pricing in this book is based on the following grading system:

PRISTINE (G-10): Absolutely factory new; sealed in factory box with wax paper still intact.

MINT PLUS (G-9): Still in factory box; has had paper removed for inspection only; has never been used.

MINT (G-8): Same as factory new but with very little use; no faint scratches; is original in every way—crystal, hands, dial, case, movement; used briefly and stored away; may be in box; has never been repaired or cleaned.

NEAR MINT (G-7): Completely original in every way; faint marks may be seen with a loop only; never been repaired; movement may have been cleaned and oiled.

EXTRA FINE (G-6): May or may not be in factory box; looks as though watch was used very little; looks as though watch has never been repaired; crystal may have been replaced; original case, hands, dial, and movement. If watch has been repaired, all original replacement parts have been used. Faint case scratches are evident but hard to detect with the eye. No dents and no hairline on dial are detectable.

ABOVE AVERAGE (G-5): May have new hands and new crystal, but original case, dial and movement; hairline in dial must be seen with a loop; no large scratches on case; no stain on movement; movement must be sharp and extra fine with only minor repair.

AVERAGE (G-4): Original case, dial and movement; movement may have had a part replaced, but part was near to original; looks good in a collection and if rare could be used in a museum; has no brass showing through on gold-filled case; no rust or chips in dial; may have hairlines in dial that are hard to see. All marks are hard to detect, but may be seen without a loop.

FAIR PLUS (G-3): Hairlines in dial and small chips that are hard to see; brass can be seen through worn spots on gold-filled case; faint rust marks in movement; some wear in case, dial, and movement; well used; may not have original dial or case.

FAIR (G-2): Watch may not run; needs new dial; case well worn; hands may be gone; replacement crystal may be needed.

POOR (G-1): Not running; bad dial; rusty movement; brass showing badly; may not have case; some parts not original; no crystal or hands.

SCRAP (G-0): Parts missing; no case; bad dial; good for parts only.

Below is an example of how the price is affected by the different grades of the same watch:

Hamilton 992B

G-10	$300	G-6	$175	G-2	$75
G-9	$250	G-5	$165	G-1	$40
G-8	$200	G-4	$150	G-0	$20
G-7	$185	G-3	$95		

The value of a watch can only be assessed after the watch has been carefully inspected and graded. It may be difficult to evaluate a watch honestly and objectively, especially in the rare or scarce models.

If the watch has any defects, such as a small scratch on it, it can not be Pristine. It is important to realize that older watches in grades of Extra Fine or above are extremely rare and may never be found.

LIMITED BUDGET COLLECTING

Most collectors are always looking for that sleeper, which *is* out there waiting to be found. One story goes that the collector went into a pawn shop and asked the owner if he had any gold pocket watches for sale. The pawn broker replied, "No, but I have a 23J silver cased pocket watch at a good price." Even though the pocket watch was in a cheaper case, the collector decided to further explore the movement. When he opened the back to look at the movement, there he saw engraved on the plates 24J Bunn Special and knew right away he wanted to buy the pocket watch. The movement was running, and looked to be in first grade shape. The collector asked the price. The broker said he has been trying to get rid of the pocket watch, but had no luck and that, if he wanted it, he would sell it for $35. The collector took the pocket watch and replaced the bent-up silver case for a gold-filled J. Boss case, and sold it later for $400. He had a total of $100 invested when he sold it a month later, netting a cool $300 profit.

Most collectors want a pocket watch that is in mint or near-mint condition and original in every way. But consider the railroad pocket watches such as the Bunn Special in a cheaper case, because the railroad man was compelled to buy a watch with a quality movement, even though he may have been able to afford only a cheap case. The railroad man had to have a pocket watch that met certain standards set by the railroad company. A pocket watch should always be judged on quality and performance and not just on its appearance. The American railroad pocket watch was unsurpassed in reliability. It was durable and accurate for its time, and that accounts for its continuing value today.

If you are a limited-budget collector, you would be well advised not to go beyond your means. But pocket watch collecting can still be an interesting, adventurous, and profitable hobby. If you are to be successful in quadrupling your purchases that you believe to be sleepers, you must first be a hard worker and have perserverence and let shrewdness and skill of knowledge take the place of money. A starting place is to get a good working knowledge of how a pocket watch works. Learn the basic skills such as cleaning, mainspring and staff replacement. One does not have to be a watchmaker but should learn names of parts and what they do. If a pocket watch that you are considering buying does not work, you should know how and what it takes to get it in good running order or pass it by. Stay away from pocket watches that do not wind and set. Also avoid "odd" movements that you hope to be able to find a case for. Old pocket watches with broken or missing parts are expensive and all but impossible to have repaired. Some parts must be made by hand. The odd and low-cost production pocket watches are fun to get but hard to repair. Start out on the more common basic-jeweled lever pocket watches. The older the pocket watch, the harder it is to get parts. Buy an inexpensive pocket watch movement that runs and play with it. Get the one that is newer and for which parts can be bought; and get a book on watch repairing.

You will need to know the history and demand of a pocket watch. Know what collectors are looking for in your area. If you cannot find a buyer then, of course, someone else's stock has become yours.

BUYING TIME

1983 MARKET REPORT

The pocket watch field is experiencing one of its best buying times in years. In early 1983 the upward momentum began. As the year progressed, this burst continued. As a result of the bullish stock market, some investors have placed some choice watches on the market. *A word to the wise:* this is an excellent time to upgrade your collection with watches in mint condition that are normally not available for sale.

Some watches, including the keywind railroad watches and early American and European watches, have become increasingly difficult to find. Opportunities to purchase these watches should be seriously considered.

Early Walthams, Howards, and Elgins are moving strong. Watches of 18- or 16-size in multi-color gold and fancy cases have made a comeback and consequently are hard to find. There continues to be a demand for high grade railroad watches. Ladies' fancy-cased watches are still moving well and are being purchased by working women who have the money to spend.

Up-and-down wind indicators are still somewhat of a sleeper, as are 60-hour movements and high-grade Illinois watches. Ball watches continue to command a good price. Hamilton and Illinois wrist watches are being bought in greater numbers. The unusual and more complicated wrist watches are especially hot. Some of the lesser known companies such as Melrose, Tremont, Cornell, Newark, and N. Y. Watch Co. are now bringing good prices, even though most are still a bargain.

Some sales of note during the past year were:
A Patek Philippe open face split second minute repeater with moon phases, $60,000...a Luther Goddard with an eagle on the balance cock, $13,500...a mint E. Howard & Co. 18s, HC, multi-color with a floral and bird scene and a diamond on the case, series VII, $6,800...an E. Howard & Co. Series I, isochronism model in a silver case, $7,000...an Elgin 18s, KW, KS, with Pennsylvania Railroad Co. on dial and B. W. Raymond on movement in a silver case, $4,500...a 19J ruby jewel KW, KS 18s, by Rockford, $3,950...a Hamilton with Burlington Special on movement and dial in a yellow gold-filled 18s hunting case, serial number over 2440, $2,400...a Ball Hampden 18s, 17J, $1,400...an Illinois grade 104 KW, SW, 15J, 18s, $1,275...a Sangamo Extra 21J, HC, 16s, $1,275...a Peoria, Atchison, Topeka & Santa Fe, $1,750...a Bunn Special 163 60-hour model in a yellow gold-filled case, $675...a Melrose 15J, in a silver case, $550...a New York Watch Co. pendant crank model, $500.

CHRONOLOGY OF WATCHES

1500	First watches being made.
1505	Stackfreed came into use.
1515	French watches appear.
1525	Fuzee being used.
1530	Brass plates used for the first time.
1550	Oval or egg-shaped watches in vogue.
1570	Octagon- and hexagonal-shaped watches in vogue.
1575	Mechanism for setting up the mainspring was developed (pre-wind up).
1585	Swiss watches first appear.
1590	Chain for the fuzee first used. (Became more popular about 1650.)
1595	Rock crystal cases made.
1600	English watches first appear.
1610	Most watches were being signed.
1620	Glass used on watches to help protect dial; tabs under glass were used.
1625	"Form watches"—bizzare-shaped skulls, books, crosses, etc. produced.
1630	Tortoise shell cases first used; these lasted until 1800.
1632	Enamel was being painted in colors.
1635	White enamel dials and worm gear were used.
1640	Pair cases appear.
1650	Repousse in both gold and silver was produced.

1660 Rim used on the outer edge of the balance cock.
1675 Spiral balance spring was being used.
1677 Repeating watch with rack form of striking was produced.
1678 Four-wheel train was developed.
1680 Serial numbers began to appear as well as hallmarks.
1685 Regulator first used with balance spring.
1687 Minute hand appears.
1695 Cylinder escapement (became more popular in the 1800s).
1700 Jewels used in Swiss watches (first used in 1750 by English; initially for end stones)
1710 Dust band.
1715 Oil sink used.
1725 Rach lever used.
1750 Compensation balance introduced; all white dials made of enamel; center second hand; dumb repeaters; duplex escapements.
1760 Chronometer escapement used seconds bit at 6 o'clock position.
1765 Lever escapement developed by Mudge.
1774 Dust cap seen.
1780 Thinner watches seen, helical hair spring developed, gong wires bells began to disappear.
1790 Watches with movable figures manufactured; overcoil used by Breguet.
1800 Club foot escapement devised, single case replaces pair case, tourbillon escapement invented by Breguet.
1810 Spherical balance spring was developed.
1820 Winding by using the button on the pendant.

RAILROAD GRADE OR RAILROAD APPROVED WATCHES

Note: Not all watches listed here are railroad approved, even though all are railroad grade.

BALL

All official R.R. standard with 19, 21, & 23J, hci5p, 18 & 16S, open face.

COLUMBUS WATCH CO.

Columbus King, 21, 23, 25J; Railway King, 17-25J; Time King, 21-25J, 18S; Ruby Model, 16S.

ELGIN

1. "Pennsylvania Railroad Co." on dial, 18S, 15J & 17J, key wind and set, first model "B. W. Raymond."
2. "No. 349," 18S, seventh model, 17-21J.
3. Veritas, B. W. Raymond, or Father Time, 18S, 21-23J.
4. Grades 270, 280, or 342 marked on back plate, 16S, 17-21J.
5. Veritas, Father Time, or Paillard Non-Magnetic, 16S, 19-23J.
6. 571, 21J or 572, 16S, 19J.
7. All wind indicator models.

HAMILTON

1. Grade 946, 23J, 18S.
2. Grades 940, 942, 21J, 18S.
3. Grade 944, 19J, 18S.
4. Grades 924, 926, 934, 936, 938, 948, 17J, 18S.

5. Grades 950, 950B, 950E, 23J, 16S.
6. Grades 992, 992B, 992E, 954, 960, 970, 994, 990, 21J, 16S.
7. Grade 996, 19J, 16S.
8. Grades 972, 968, 964, 17J, 16S.

HAMPDEN

1. Special Railway, 17J, 21J, 23J; New Railway, 23J & 17J; North Am. RR, 21J; Wm. McKinley, 21J; John Hancock, 21J & 23J; John C. Duber, 21J, 18S.
2. 105, 21J; 104, 23J; John C. Duber, 21J; Wm. McKinley, 17, 21, & 23J; New Railway, 21J; Railway, 19J; Special Railway, 23J, 16S.

E. HOWARD & CO.

1. All Howard models marked "Adjusted" or deer symbol.
2. Split plate models, 18S or N size; 16S or L size.

HOWARD WATCH CO.

All 16S with 19, 21, & 23J.

ILLINOIS

1. Bunn 15J marked "Adjusted," and Stuart, 15J marked "Adjusted," 18S.
2. Benjamin Franklin, 17-26J; Bunn 17, 19, 21, 24J; Bunn Special, 21-26J; Chesapeake & Ohio Sp., 24J; Interstate Chronometer, 23J; Lafayette, 24J; A. Lincoln, 21J; Paillard W. Co., 17-24J; Trainsmen, 23J; Pennsylvania Special 17-26J; The Railroader & Railroad King, 18S.
3. Benjamin Franklin, 17-25J; Bunn, 17-19J; Bunn Special, 21-23J; Diamond Ruby Sapphire, 21 & 23J; Interstate Chronometer, 23J; Lafayette, 23J; A. Lincoln, 21J; Paillard Non-Magnetic W. Co., 17 & 21J; Pennsylvania Special, 17, 21, & 23J; Santa Fe Special, 21J; Sangamo, 21-26J; Sangamo Special, 19-23J; Grades 161, 161A, 163, 163A, 187, and 189, 17J, 16S.

PEORIA WATCH CO.

15 & 17J with a patented regulator, 18S.

ROCKFORD

1. All 21 or more jewels, 16-18S, and wind indicators.
2. Grades 900, 905, 910, 912, 918, 945, 200, 205, 18S.
3. Winnebago, 17-21J, 505, 515, 525, 535, 545, 555, 16S.

SETH THOMAS

Maiden Lane, 21-28J; Henry Molineux, 20J; 260 Model, 18S.

SOUTH BEND

1. Studebaker 329, Grade Nos. 323, and 327, 17-21J, 18S.
2. Studebaker 229, Grade Nos. 223, 227, 293, 295, 299, 17-21J, 16S.
3. Polaris.

UNITED STATES WATCH CO., MARION

United States, 19J, gold train.

U. S. WATCH CO., WALTHAM

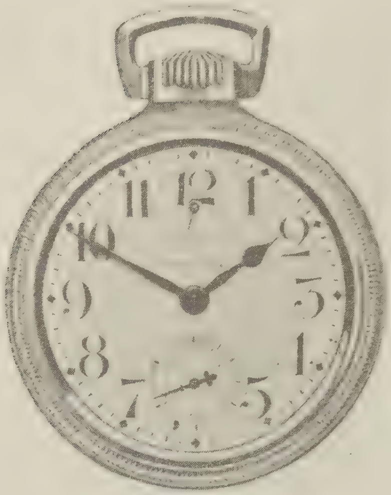
The President, 17J, 18S.

WALTHAM

1. 1857 KW with Pennsylvania R.R. on dial, Appleton Tracy & Co. on movement.
2. Crescent Street, 17-23J; 1883 & 1892 Models; Appleton Tracy & Co., 1892 Model; Railroader, 1892 Model; Pennsylvania Railroad; Special Railroad, Special RR King, Vanguard, 17-23J, 1892 Model; Grade 845, 18S.
3. American Watch Co., 17-21J, 1872 Models; American Watch Co., 17-23J, Bridge Models; Crescent Street, 17-21J, 1899 & 1908 Models; Premier

Maximus; Railroader; Riverside Maximus, 21-23J; Vanguard, 19-23J; 645, 16S.

4. All wind indicators.



American Waltham Watch Co. Vanguard, 16 size, 19-23 jewels, winding indicator which alerts user to how far up or down the mainspring is wound. This watch was made to promote new sales in the railway industry.

CANADIAN PACIFIC SERVICE RAILROAD APPROVED WATCHES
1899

WALTHAM

Vanguard, 18-16S, 19-21-23 jewels
Crescent St., 18S, 19J; 18-16S, 21J
Appleton-Tracy 17J; also No. 845, 21J
Riverside 16S, 19J; Riverside Maximus, 16S, 23J; and 16S, No. 645, 21J
C. P. R. 18-16S, 17J; also C. T. S. 18-16S, 17J

ELGIN

Veritas, 18-16S, 21-23J
B. W. R. 18-16S, 17-19-21J
Father Time 18-16S, 21J
Grade 349, 18S, 21J

HAMILTON

18S, 946, 23J; 940-942, 21J; 944, 19J; 936-938, 17J
16S, 950, 23J; 960-990-992, 21J; 952, 19J; 972, 17J

SOUTH BEND

18S, 327-329, 21J; 323, 17J
16S, 227-229, 21J; 223, 17J

BALL

All Balls 18S, 16S, 17-19-21-23J

ILLINOIS
Bunn Special, 18-16S, 21-23J; also Bunn 18-16S, 17-19J
A. Lincoln, 18-16S, 21J
Sangamo Special, 16S, 19-21-23J

SETH THOMAS
Maiden Lane, 18S, 25J; No. 260, 21J; No. 382, 17J

E. HOWARD WATCH CO.
16S Series, 0-23J, 5-19J, 2-17J, 10-21J; also No. 1, 21J

ROCKFORD
18S, Grade 918-905, 21J; Winnebago, 17J; also Grade 900, 24J
16S, Grades 545, 525, 515, 505, 21J; 655 W.I., 21J; and Grade 405, 17J

LONGINES
18S, Express Monarch, 17-19-21-23J
16S, Express Monarch, 17-19-21-23J

BRANDT-OMEGA
18S, D.D.R., 23J; C.C.C.R., 23J; C.D.R., 19J; C.C.R., 19J
16S, D.D.R., 23J; C.C.C.R., 23J; D.R., 19J; C.C.R., 19J

ZENITH
18S, Extra, 23J; Superior, 21J; Prima, 17-19J
16S, Extra, 23J

CANADIAN PACIFIC SERVICE RAILROAD APPROVED WATCHES
1928

WALTHAM
16S, Vanguard, 23J; Crescent St., 21J; Riverside, 19J

ELGIN
16S, Veritas, 23J; B. W. R., 23J; B. W. R., 21J

HAMILTON
16S, 950, 23J; 992, 21J; 996, 19J

ILLINOIS
16S, Sangamo Special, 23J; Bunn Special, 21-23J

LONGINES
16S, Express Monarch, 21-23J; Express Leader, 19J

ZENITH
16S, Extra, 23J; Superior, 21J

SOUTH BEND
16S, 227, 21J

BALL
16S, 21-23J

BRANDT
16S, D. D. R., 23J

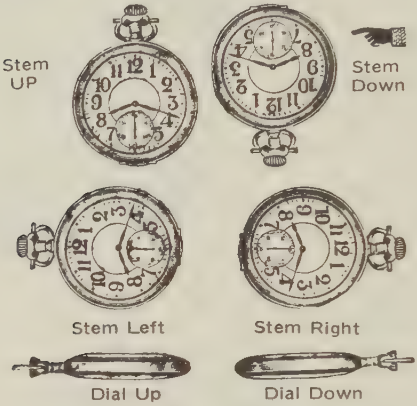
E. HOWARD WATCH CO.
16S, Series 0, 23J; Series 10, 21J

ADJUSTMENTS

There are nine basic adjustments for watch movements. They are:

heat . . . 1
cold . . . 1
isochronism . . . 1
positions . . . 6
TOTAL . . . 9

THE SIX POSITION ADJUSTMENTS ARE:



This position adjustment not required on railroad watches.

A watch with eight adjustments (the most common) will be listed in this book as: "HC15P" (heat, cold, isochronism, 5 positions).

* * *

The total number of pocket watches made for the railroad industry was small in comparison to the total pocket watches produced. Generally watches defined as "Railroad Watches" fall into five categories:

1. **Railroad Approved**—Grades and Models approved by the railway companies.[1]
2. **Railroad Grade**—Those advertised as being able to pass railroad inspection.[2]
3. **Pre-Commission Watches**—Those used by the railroads before 1893.[3]
4. **Company Watches**—Those with a railroad logo or company name on the dial.[4]
5. **Train Watches**—Those with a locomotive painted on the dial or inscribed on the case.[4]

---

[1] Not all railroad employees were required to purchase or use approved watches, just the employees that were responsible for schedules. But many employees did buy the approved watches because they were the standard in reliability.

[2] These were used primarily by those railroaders who were not required to submit their watches for inspection.

[3] There were many watches made for railroad use prior to 1893. Some of the key wind ones, especially, are good quality and highly collectible.

[4] Some manufacturers inscribed terms such as railroader, special railroad, dispatcher, etc. on the back plates of the movements.

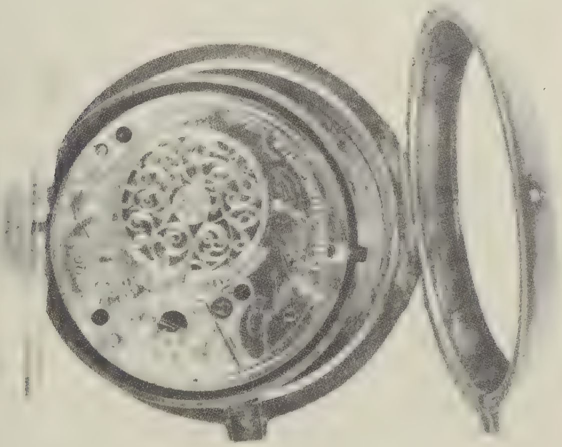
COLONIAL WATCHMAKERS

Early American watchmakers came from Europe; little is known about them, and few of their watches exist today. Their hand-fabricated watches were made largely from imported parts. It was common practice for a watchmaker to use rough castings made by several craftsmen. These were referred to as "movements in the gray." He took these parts and finished and assembled them to make a complete watch. The watchmaker would then engrave his name on the finished timepiece.

Some of the early American watchmakers designed the cases or other parts, but most imported what they needed. The early colonial watchmakers showed little originality as designers and we can only guess how many watches were really made in America.

These early hand-made watches are almost non-existent; therefore only the name of the watchmaker will be listed. This compilation comes from old ads in newspapers and journals and other sources and is not considered to be complete.

Because of the rarity of these early watches, the owner can practically name his price.



Ephraim Clark, 18 size, non-jeweled, made between 1780-1790; a good example of a colonial watch. These early watches usually included chain driven fusees, verge type escapement, hand pierced balance cock, key wind & set; note the circular shaped regulator on the far left side of the illustrated example.

Watchmaker	City*	Approx. Date
Adams, Nathan	1	1800
Adams, William	1	1810
Aldrich, Jacob	18	1802
Allebach, Jacob	2	1825-1840
Atherton, Nathan	2	1825
Atkinson, James	1	1745
Backhouse, John	3	1725
Bagnall, Benjamin	2	1750
Bailey, John	1	1810
Bailey, William	2	1820
Baker, Benjamin	2	1825
Banks, Joseph	2	1790
Barnhill, Robert	2	1775
Barrow, Samuel	2	1771
Barry, Standish	4	1785
Basset, John F.	2	1798
Belknap, William	1	1815
Bell, William	2	1805
Benedict, S. W.	5	1835
Bigger & Clarke	4	1783
Billion, C.	2	1775-1800
Bingham & Bricerly	2	1778-1799
Birnie, Laurence	2	1774
Blundy, Charles	6	1750
Blunt & Nichols	5	1850
Bond, William	1	1800-1810
Bonnaud	2	1799
Bower, Michael	2	1790-1800
Bowman, Joseph	3	1821-1844
Boyd & Richards	2	1808
Boyter, Daniel	3	1805
Brands & Matthey	2	1799
Brandt, Aime	2	1820
Brant, Brown & Lewis	2	1795
Brazier, Amable	2	1795
Brewer, William	2	1785-1791
Brewster & Ingraham	12	1827-1839
Brown, Garven	1	1767
Brown, John	3	1840
Brownell, A. P.	21	
Burkelow, Samuel	2	1791-1799
Campbell, William	19	1765
Capper, Michael	2	1799
Carey, James	20	1830
Carrell, John	2	1791-1793
Carter, Jacob	2	1805
Carter, Thomas	2	1823
Carver, Jacob	2	1790
Carvill, James	5	1803
Chandlee, John	18	1795-1810
Chaudron	2	1799
Chick, M. M.	32	1845
Clark, Benjamin	18	1737-1750
Clark, Ephraim	2	1780-1790
Clark, John	2	1799
Clark, Thomas	1	1764
Claudon, John-George	6	1773
Crow, George	18	1740-1770
Crow, John	18	1770-1798
Crow, Thomas	18	1770-1798
Currier & Trott	1	1800
Curtis, Solomon	2	1793-1795
Dakin, James	1	1795
Davis, Samuel	1	1820
Delaplaine, James K.	5	1786-1800
DeVacht, Joseph & Frances	7	1792
Dix, Joseph	2	1770
Downes, Anson	12	1830
Downes, Arthur	6	1765
Downes, Ephriam	12	1830
Droz, Hannah	2	1840
Droz, Humbert	2	1793-1799
Duffield, Edward W.	8	1775
Dupuy, John	2	1770
Dupuy, Odran	2	1735
Dutch, Stephen, Jr.	1	1800-1810
Eberman, George	3	1800
Eberman, John	3	1780-1820
Ellicott, Joseph	9	1763
Elsworth, David	4	1780-1800
Embree, Effingham	5	1785
Evans, David	4	1770-1773
Fales, James	21	1810-1820
Ferris, Tiba	18	1812-1850
Filder, John	3	1810-1825
Fister, Amon	2	1794
Fix, Joseph	22	1820-1840
Fowell, J & N	1	1800-1810
Frances, Basil & Alexander Vuille	4	1766
Galbraith, Patrick	2	1795
Gibbons, Thomas	2	1750
Goodfellow, William	2	1793-1795
Goodfellow & Son, William	2	1796-1799
Gooding, Henry	1	1810-1820
Green, John	2	1794
Groppengeiser, J. L.	2	1840
Grotz, Issac	23	1810-1835
Hall, Jonas	1	1848-1858
Harland, Thomas	10	1802
Hawxhurst, Nath.	5	1784
Heilig, Jacob	2	1770-1824
Heilig, John	24	1824-1830
Hepton, Frederick	2	1785
Hodgson, William	2	1785
Hoff, John	3	1800
Hoffner, Henry	2	1791
Howard, Thomas	2	1789-1791
Huguenail, Charles	2	1799
Hutchins, Abel	25	1785-1818

Watchmaker	City*	Approx. Date
Hyde, John E.	5	1805
Ingersoll, Daniel B.	1	1800-1810
Ingold, Pierre Frederick	5	1845-1850
Jacob, Charles & Claude	11	1775
Jackson, Joseph H.	2	1802-1810
Jeunit, Joseph	26	1763
Johnson, David	1	1690
Johnson, John	6	1763
Jones, Low & Ball	1	1830
Kennedy, Patrick	2	1795-1799
Kincaid, Thomas	27	1775
Kirkwood, John	6	1761
Launy, David F.	1,5	1800
Leslie & Price	2	1793-1799
Leslie, Robert	4	1788-1791
Levely, George	2	1774
Levi, Michael & Issac	4	1785
Lind, John	2	1791-1799
Lowens, David	2	1785
Ludwig, John	2	1791
Lufkins & Johnson	1	1800-1810
Lukens, Isiah	2	1825
MacDowell, Robert	2	1798
Macfarlane, John	1	1800-1810
Mahve, Matthew	2	1761
Manross, Elisha	12	1827
Martin, Patrick	2	1830
Maunroe & Whitney	25	1805-1825
Maus, Frederick	2	1785-1793
Maynard, George	5	1702-1730
McCabe, John	4	1774
McGraw, Donald	11	1767
Mends, James	2	1795
Merriman, Titus	12	1830
Merry, Charles F.	2	1799
Miller, Abraham	23	1810-1830
Mitchell, Henry	5	1787-1800
Mohler, Jacob	4	1773
Moollinger, Henry	2	1794
Morgan, Thomas	2,4	1774-1793
Moris, William	28	1765-1775
Mulliken, Nathaniel	1	1765
Narney, Joseph	6	1753
Neiser, Augustine	2	1739-1780
Nicholls, George	5	1728-1750
Nicollette, Mary	2	1793-1799
O'Hara, Charles	2	1799
Oliver, Griffith	2	1785-1793
Ormsby, James	4	1771
Palmer, John	2	1795
Park, Seth	29	1790
Parke, Solomon	2	1791-1795
Parke, Solomon & Co.	2	1799
Parker, James	14	1790
Parker, Thomas	2	1783
Patton, Abraham	2	1799
Payne, Lawrence	5	1732-1755
Pearman, W.	33	1834
Perry, Thomas	5	1750-1775
Phillips, Joseph	5	1713-1735
Pierret, Mathew	2	1795
Pope, Joseph	1	1790
Price, Philip	2	1825
Proctor, Cardan	5	1747-1775
Proctor, William	5	1737-1760
Proud, R.	34	1775
Purse, Thomas	4	1805
Quimby, Phineas & William	15	1825
Reily, John	2	1785-1795
Rich, John	12	1800
Richardson, Francis	2	1736
Roberts, John	2	1799
Roberts, S & E	30	1830
Rode, William	2	1785
Rodger, James	5	1822-1878
Rodgers, Samuel	31	1790-1804
Russell, George	2	1840
Saxton & Lukens	2	1828
Schriner, Martin	3	1790-1830
Schriner, M & P	3	1830-1840
Seddinger, Margaret	2	1846
Severberg, Christian	5	1755-1775
Sherman, Robert	18	1760-1770
Sibley, O. E.	5	1820
Smith, J. L.	36	1830
Smith & Goodrich	12	1827-1840
Soloman, Henry	1	1820
Souza, Sammuel	2	1820
Sprogell, John	2	1791
Spurck, Peter	2	1795-1799
Stanton, Job	5	1810
Stein, Abraham	2	1799
Stever & Bryant	16	1830
Stillas, John	2	1785-1793
Stinnett, John	2	1769
Store, Marmaduke	2	1742
Strech, Thomas	2	1782
Syderman, Philip	2	1785
Taf, John James	2	1794
Taylor, Samuel	2	1799
Tonchure, Francis	4	1805
Townsend, Charles	2	1799
Townsend, David	1	1800
Trott, Andrew	1	1800-1810
Turrell, Samuel	1	1790
Voight, Henry	2	1775-1793
Voight, Sebastian	2	1775-1799
Voight, Thomas (Henry's son)	2	1811-1835
Vuille, Alexander	4	1766

Watchmaker	City*	Approx. Date
Warner, George T.	5	1795
Weller, Francis	2	1780
Wells, J. S.	1	1800
Wheaton, Caleb	35	1800
Whittaker, William	5	1731-1755
Wood, John	2	1770-1793
Wright, John	5	1712-1735
Zahm, G. M.	3	1865

***Location of Watchmaker**

1. Boston, Massachusetts
2. Philadelphia, Pennsylvania
3. Lancaster, Pennsylvania
4. Baltimore, Maryland
5. New York, New York
6. Charleston, South Carolina
7. Gallipolis, Ohio
8. Whiteland, Pennsylvania
9. Buckingham, Pennsylvania
10. Norwich, Connecticut
11. Annapolis, Maryland
12. Bristol, Connecticut
13. Parktown, Pennsylvania
14. Cambridge, Ohio
15. Belfast, Maine
16. Wigville, Connecticut
17. Reading, Pennsylvania
18. Wilmington, Delaware
19. Carlisle, Pennsylvania
20. Brunswick, Maine
21. New Bedford, Massachusetts
22. Reading, Pennsylvania
23. Eastern, Pennsylvania
24. Germantown, Pennsylvania
25. Concord, Massachusetts
26. Meadville, Pennsylvania
27. Christiana Bridge, Delaware
28. Grafton, Massachusetts
29. Parktown, Pennsylvania
30. Trenton, New Jersey
31. Plymouth, Massachusetts
32. Concord, New Hampshire
33. Richmond, Virginia
34. Newport, Rhode Island
35. Providence, Rhode Island
36. Middletown, Connecticut

PRESTIGE WATCHES

In 1908 Waltham's most expensive watch was a 16s, 23j, gold case (Model #1907) that was selling for about $150. That same year Waltham introduced the "Premier Maximus" which they hailed as "the finest timepiece in America." It was a 16s, 23j, gold train, diamond-end stones, 6 positions (Model #1908). The selling price was $250.

The Premier Maximus posed a challenge to the E. Howard Watch Company and, not wanting to be outdone, Howard developed the "Edward Howard" watch at a price of $350. Introduced in 1912, it was in a 18k gold case complete with matched blue sapphire jewels, free-spring balance, chronometer adjustments, gold-frost finished plates, and had an extra crystal and mainspring. The Howard ads read, "The finest watch ever produced in this or any other country." By 1914 the price of the Premier Maximus had increased to $400 with a 18k gold case and a sterling silver presentation box with a "KEW Class A Certificate."

In 1922 the Elgin Watch Company introduced their "no two alike" C. H. Hulburd presentation models at $300 to $750. At the same time the Premier Maximus was selling for $750.

Premier Maximus, 16 size, 23 diamond, ruby, sapphire jewels, gold jewel settings, gold train and winding indicator. Sold in a silver presentation box. Each watch came with a Kew certificate and solf for $620.

The Edward Howard
$350

The Edward Howard, 16 size, 23 matched blue ruby sapphires, chronometer type balance with frosted gold bridges. Sold in a presentation box with an extra crystal and mainspring for $350.

In 1924 the Gruen Watch Company introduced their "50th Anniversary Watch" at $500. It was in a five-sided "Pentagon Case," about a 10s, 23j, two of the jewels were diamonds, 12k gold plates, gold-plated train.

In 1925 the 922 Masterpiece, a 12s, 23j, gold train, 5 position watch, was introduced by the Hamilton Watch Company. Hamilton ad writers labeled it, "Beauty that will always be in good taste beyond fads and passing fancies."

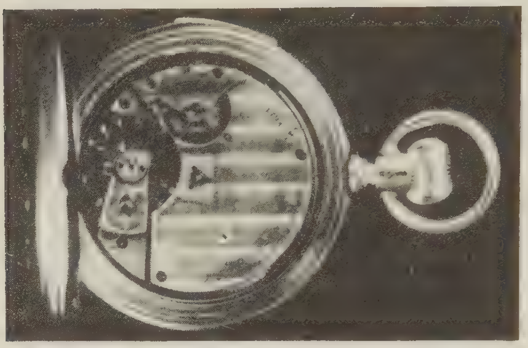
The marketing strategy behind the high-quality, limited production watches was to enhance the sales of their regular production line. Each company used a model that had already proved itself. Waltham's 1907 and 1908 are basically the same watch. Hamilton only added MP to the 922 model number. Marketing was intense and in 1921 Elgin and Waltham stood eye to eye in production at 24 million, but in 1922 Elgin moved ahead.

Another watch of note was the Masonic watch introduced in 1922 by the Dudley Watch Company. It was a 14s, 19j, and carried the emblem depicting the eye, compass, square, trowel, plumb, and level. In their ads, Dudley touted themselves as being "the makers of America's finest timepieces."

REPEATING WATCHES

Around 1675 a repeating mechanism was attached to a clock for the first time. The first repeating watch was made about 1677 by Thomas Tompion or Daniel Quare. Five-minute, quarter-hour and half-hour repeaters were popular by 1730. The minute repeater became common about 1830.

Fred Terstegen applied for a patent in 1882 for a repeating attachment that could be used with any American watch, key wind or stem wind. He was granted three patents: No. 311,270 on January 27, 1885, No. 3,421,844 on February 18, 1890, and No. 3,436,162 in September 1890. The Waltham Watch Co. was the only watch manufacturer to produce repeating watches in America. It is not known how many repeaters were made, but 3,500 is estimated.



Repeating watch by **American Waltham Watch Co.**, 16 size, 17 jewels, hunting case, stem wind, gold train.

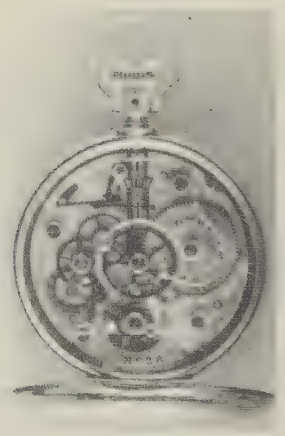
OUTSTANDING, HIGH-GRADE AND SCARCE WATCHES

Note: Early American-made watches that have been recased are worth 30 to 50 percent less. The prices listed below are for watches in their original cases.

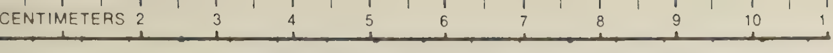
	Avg	Ex-Fn	Mint
Adams & Perry, 20J, 20S, 18K	$2,200	$3,000	$4,500
Adams & Perry, 18S	650	1,375	1,500
J. H. Allison	3,000	3,500	5,700
Appleton Tracy Chronodrometer	2,000	2,400	2,750
Appleton Watch Co.	560	675	850
Auburndale Watch Co. (Bentley)	300	500	675
Auburndale Watch Co. (Lincoln)	300	500	600
Auburndale Watch Co. (Rotary), 20S	1,550	2,000	2,600
Ball Model with wind indicator	2,000	2,800	3,800
P. S. Barlett (Pinned Plates) Model #57	365	525	675
E. F. Bowman	7,500	11,000	14,000
California Watch Co.	1,250	1,550	2,200
Columbus King, 25J	2,400	3,000	3,500
Columbus Railway King, 25J, OF	2,400	2,600	3,200
Columbus Railway King, 25J, HC	3,500	4,000	4,500
Columbus, 16S, 21J, Ruby Model, OF	475	600	850
Columbus, 16S, 21J, Ruby Model, HC	425	500	625
Cornell Watch Co. (San Francisco)	600	800	1,000

Samuel Curtis Watch Co.	2,500	3,500	5,000
Jacob D. Custer	8,500	12,000	16,000
Dennison, Howard & Davis, S#'s below 2,000	1,200	1,400	1,600
Dudley No. 1, box & papers	2,600	2,800	3,000
Elgin (D. H. Hubbard), 12S	600	850	1,050
Lord Elgin, 23J, 16S, 14K	1,200	1,500	1,800
C. Fasoldt	8,000	10,000	12,000
Fellows and Schell, 15J	2,800	3,200	4,000
Freeport Watch Co.	4,500	5,500	7,000
Luther Goddard, with eagle bridge, S#'s 1-35	5,000	7,000	9,000
Hamilton, 7J	1,000	1,150	1,300
Hamilton, 11J, OF	1,500	1,750	2,000
Hamilton, 11J, HC	1,400	1,550	1,700
Hamilton, 21J, 16S, Model 994	600	750	995
Hamilton, 23J, 18S, Model 946, OF	325	375	450
Hamilton, 23J, 18S, Model 947, HC, unmarked	3,500	4,000	4,500
Hamilton, 23J, Model 947, HC, marked	4,500	5,500	6,500
Hamilton (any type of the low 18S production model)	400	500	600
Hamilton, 23J, 16S, Model 951	2,000	2,500	3,000
Hamilton—Masterpiece 922, 18K, marked	550	600	650
Hampden Watch Co., 14K multi-color HC, 18S	1,450	1,800	2,600
The Howard, Davis & Dennison (S#'s 1-17)	30,000	35,000	40,000
Edward Howard in box	7,500	8,000	9,500
E. Howard & Co. (KW & KS), 15J, Series I, 18K, upright pallet	2,000	2,400	2,800
Howard & Rice	1,500	2,000	2,500
H. von der Heydt (The Self-Winding Watch Co.)	4,500	5,500	6,500
Illinois Bunn Special, 24J, 18S, OF	550	625	675
Illinois Bunn Special, 25J, 16S	7,000	8,000	9,000
Illinois Bunn Special, 26J, 18S	5,400	5,800	6,400
Illinois Sangamo Special, solid bow, 60 hr., marked	535	690	850
Illinois (Ben Franklin), 25J, 16S, HC	4,500	5,000	5,500
Illinois (Ben Franklin), 26J, 18S	5,000	6,000	7,000
Illinois (Ben Franklin), 21J, 18S, HCI6P	700	850	1,000
Illinois (Ben Franklin), 24J, 18S	1,500	1,700	1,900
Illinois (Penn Special), 25J, 18S	4,200	4,800	5,400
Illinois (Penn Special), 26J, 18S	5,000	6,000	7,000
Illinois 16S, 23J, Diamond Ruby Sapphire Model	1,750	2,200	2,800
Illinois Keywind 18S Bunn, Stuart adjusted	700	800	950
Illinois Model #189 & 187, marked	375	425	550
Illinois Ben Franklin (any size, jewel)	250	300	600
Illinois Watch Co., 25J, 16S, bridge movement	4,000	4,500	5,000
Illinois Watch Co., 163A, 16S	600	725	875
Mozart Watch Co., 3 wheel	11,000	15,000	20,000
Nashua Watch Co., marked	6,000	8,000	10,000
Newark Watch Co.	275	350	425
New England, skeletonized	175	225	300
New York Watch Co., pendant crank type	500	600	700
N. Y. Standard W. Co., with worm gear	400	500	600
N. Y. Watch Co., wolf's teeth wind	700	850	1,000
Otay Watch Co., California	2,000	2,200	2,400
Palmer Watch Co.	1,200	1,400	1,600
Palmer Watch Co. Chronometer	4,000	4,500	5,000

C. T. Parker	800	900	1,000
James & Henry Pitkin, S#'s 1-50	25,000	32,000	40,000
H & J. F. Pitkin, S#'s 50-377	18,000	21,000	25,000
Potter Watch Co. Chronometer	10,500	12,000	14,000
George P. Reed Chronometer	9,000	12,000	15,000
Rockford, 21J, 18S, wind indicator, No. 950	2,000	3,000	3,800
Rockford, 23J, 16S, Doll Watch Co. dial & case	1,000	1,400	1,800
Rockford, 24J, 18S	1,000	1,200	1,400
Rockford, 25J, 18S	3,500	5,000	6,500
Rockford, 26J, 18S	8,000	10,000	14,000
San Jose Watch Co.	800	1,800	2,400
M. S. Smith, 18S, KW	1,200	1,500	2,200
South Bend, Polaris	750	850	1,000
J. P. Stevens Watch Co., S#'s 1-174	3,500	4,500	5,500
Seth Thomas Maiden Lane, 21J, marked	1,200	1,400	1,600
Seth Thomas, 23J	900	1,200	1,500
Seth Thomas Maiden Lane, 24J, marked	1,500	1,750	2,150
Seth Thomas Maiden Lane, 25J, marked	2,000	2,600	3,200
Seth Thomas Maiden Lane, 28J, marked	15,000	18,000	22,000
U. S. Watch Co. (Waltham) The President, 17J	375	450	550
U. S. Watch Co. (Marion) (Butterfly KW & KS)	200	800	1,500
U. S. Watch Co. (Marion) ,SW	995	1,200	1,500
U. S. Watch Co. (Marion) 19J, SW, Pen Set, 18K, U.S.W.Co. case, HC	4,000	4,500	5,000
Waltham Crystal Watch (stone movement has transparent back plates), 4 Size	4,500	5,500	6,500
Waltham 5-Minute Repeater, 18K	4,800	5,500	6,500
Waltham 1-Minute Repeater, 18K, perpetual calendar	30,000	35,000	40,000
Waltham Premier Maximus with original box & papers, 18K	8,000	8,500	9,500
Watson (early Waltham)	850	1,175	1,500
Warren Mfg. Co. (to S#29)	20,000	25,000	30,000
Washington Watch Co., 24J, LaFayette (ill.)	850	1,050	1,200



Waltham made a watch with crystal or agate (see-through) plates, a rare beauty. It was size 4, Model #1882, and size 14, Model #1874. Both were 16 jewel in gold settings, had exposed pallets and a gold train. Not many of these watches were sold because the plates did not hold up very well—they broke like glass. But it is a true collector's item. Waltham called this the "stone movement."



AMERICAN MOVEMENT SIZES
LANCASHIRE GAUGE

Size	Inches	Inches	Millimeters
18/0	18/30	.600	15.24
17/0	19/30	.633	16.08
16/0	20/30	.666	16.92
15/0	21/30	.700	17.78
14/0	22/30	.733	18.62
13/0	23/30	.766	19.46
12/0	24/30	.800	20.32
11/0	25/30	.833	21.16
10/0	26/30	.866	22.00
9/0	27/30	.900	22.86
8/0	28/30	.933	23.70
7/0	29/30	.966	24.54
6/0	1	1.000	25.40
5/0	1 1/30	1.033	26.24
4/0	1 2/30	1.066	27.08
3/0	1 3/30	1.100	27.94
2/0	1 4/30	1.133	28.78
0	1 5/30	1.166	29.62
1	1 6/30	1.200	30.48
2	1 7/30	1.233	31.32
3	1 8/30	1.266	32.16
4	1 9/30	1.300	33.02
5	1 10/30	1.333	33.86
6	1 11/30	1.366	34.70
7	1 12/30	1.400	35.56
8	1 13/30	1.433	36.40
9	1 14/30	1.466	37.24
10	1 15/30	1.500	38.10
11	1 16/30	1.533	38.94
12	1 17/30	1.566	39.78
13	1 18/30	1.600	40.64
14	1 19/30	1.633	41.48
15	1 20/30	1.666	42.32
16	1 21/30	1.700	43.18
17	1 22/30	1.733	44.02
18	1 23/30	1.766	44.86
19	1 24/30	1.800	45.72
20	1 25/30	1.833	46.56

SWISS MOVEMENT SIZES
Lignes With Their Equivalents in Millimeters and Decimal Parts of an Inch

Lignes	Inches Decimals	Millimeters
7	.622	15.79
8	.710	18.05
9	.799	20.30
10	.888	22.56
11	.977	24.81
12	1.066	27.07
13	1.154	29.32
14	1.243	31.58
15	1.332	33.84
16	1.421	36.09
17	1.510	38.35
18	1.599	40.60
19	1.687	42.86
20	1.776	45.11
21	1.865	47.37
22	1.954	49.63

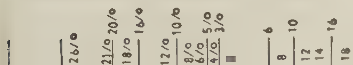
THE E. HOWARD & CO. MOVEMENT SIZES
LETTER SYSTEM

Size	Letter	Inches
6/0	A	1”
4/0	B	1 1/16”
2/0	C	1 2/16”
0	D	1 3/16”
2	E	1 4/16”
4	F	1 5/16”
6	G	1 6/16”
8	H	1 7/16”
10	I	1 8/16”
12	J	1 9/16”
14	K	1 10/16”
16	L	1 11/16”
18	N	1 13/16”

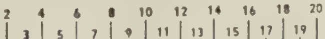
GAUGES FOR MEASURING YOUR WATCH SIZE

The size of a watch is determined by measuring the outside diameter of the face. The gauges below may be placed across the face of your watch to calculate its size.

AMER. MOVEMENT SIZES



SWISS MOVEMENT SIZES
LIGNES



WATCH CASES

One of the most appealing aspects of the pocket watch over the years must surely have been the elaborate cases in which they were housed. The very luster given off by a watch case emitted a sort of status and pride, and some folks went to great lengths to have as elaborate a case as possible.

Undoubtedly the gold cases were the standard men sought to achieve in the days when the pocket watch was most prominent. Those gold cases are eagerly sought after today by collectors.

Solid gold cases were at the top of the list in value; gold-filled was next, followed by rolled gold and gold-plated cases. Solid gold cases were of 8k, 10k, 14k, 18k, and 20k. (Pure gold is 24k.) The 20k gold was too soft and was not used often. Remember: even though a case is stamped 10k, 14k, etc., this is no guarantee that the case is solid gold.

The most common type case was the silveroid. These cases were made of 45 percent nickel, 54 percent copper, and one percent manganese. They held up extremely well, and today a silveroid case can be polished to a high gloss that will look like new with a household brass polish.

From as early as 1525 watch cases have been engraved. Tools were developed that would cut a fine ''V''-shaped groove in the metal and produce a very delicate design. A turning lathe was used as early as 1780 to produce geometric patterns of intersecting and interlacing curved lines on the watch cases.

* * *

SOLID GOLD CASES

''Pure gold'' and ''solid gold'' are terms often misunderstood. The terms are not interchangeable, and the differences in meaning should be noted by the collector.

Pure gold is 24 karat gold, but gold in its purest form is useless as a workable metal. Gold must be reduced to at least 22k for coinage, and is most practical at 14k to 10k for wearing.

Pure gold refers to 24k. Solid gold is anything less than 24k—but is neither gold-filled or gold-plated. Solid gold cases are made of 18k, 14k, 10k, or 8k gold throughout.

Following are a few examples of solid gold, gold-filled, and silver cases. The prices listed represent the original selling price and are for the cost of the case only.

SOLID GOLD MARKS

Q.C.
W.C.Co
18K

W.C.Q.CO.
18K
U.S. ASSAY

Q.C.
W.C.Co
14K

W.C.Q.CO.
14K
U.S. ASSAY

ELGINS PRIDE

R&F
TRADE MARK
(Solid Gold.)

ROY & Co
WARRANTED
14 K
U.S. ASSAY

INVAR
14K
WARRANTED
→ 18K ←
TO ASSAY
LEON W.C.CO

14K

K.
18

18K

14K

14K

WALTHAM

18K

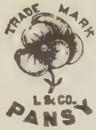
WADSWORTH
TRADE CW MARK

N.A.W.Co.
14 K

22 HWK
18 HWK
14 HWK

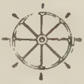
C.W.MFG.CO
14 K
U.S. ASSAY

C.W.MFG.CO
★ ★ ★
U.S. ASSAY



TRADE CW MARK.
(14K)

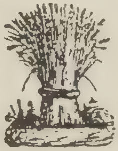
WADSWORTH
14K
Solid Gold.

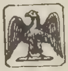


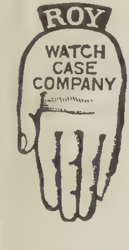
(10K)

B.W.C.CO.

14K
SOLIDARITY
14K 585/1000 FINE




(16K)



INVAR
14K
WARRANTED
→ 18K ←
TO ASSAY
LEON W.C.CO

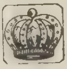
U.S. ASSAY
14K
F.W.C.CO.
(14K)

WARRANTED
☐
F.W.C.CO.
(10K)

18
WESTERN
U.S. ASSAY.
(18K)

14
WESTERN
U.S. ASSAY.
(14K)

WESTERN
(10K)


(18K)

JSW
(14K & 18K)
Gold & Sterling Silver

Illinois
-14K-
U.S. ASSAY

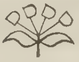
WARRANTED
→14K←
U.S. ASSAY
BWCCO

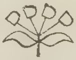
A I S Y G C W D G
(14K Only)

WARRANTED
→ W ←
U.S. ASSAY
BWCCO

DUBOIS W.C.CO
14 K
U.S. ASSAY

DOLL
(Inside of Solid Gold Cases)

TRADE

MARK
18 K.

TRADE

MARK
14 K.

(Keystone 18K. Gold)

(In Backs)
KEYSTONE
18 K

WARRANTED
.750
THE K.W.C.CO.

(In Caps)
WARRANTED
18K
U.S. ASSAY
(Discontinued 1903)

DUEBER
18 K

This Mark means 18K Gold. Note Anchor is Raised, not Engraved.

DUEBER

10K solid gold with Raised Anchor

(Keystone 14K. Gold)

KEYSTONE
14 K

WARRANTED
.585
THE K.W.C.CO.

WARRANTED
14 K
U.S. ASSAY
(Discontinued 1903)

14 K
DUEBER

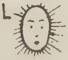
This Mark means 14K Gold. Note anchor is Raised, not Engraved.

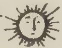
(Keystone 10K. Gold)

KEYSTONE
10 K

WARRANTED
.416
THE K.W.C.CO.

WARRANTED
10 K
U.S. ASSAY

FOGEL
18 K

(18K. Solid Gold)

FOGEL
14 K

(14K. Solid Gold)

WALTHAM

A.W.W.Co.
WALTHAM
MASS. U.S.A.

WALTHAM

A.W.
CO.

K.
18

$ (8K & 10K)

Miscellaneous Notes on Gold Cases

In 1894 solid gold cases sold for: 18 size box case $180, $200, $250; 18 size gold case $90 to $178; 6 size cases sold for $75 to $159; 0 size cases, about $45.

An 18 size movement with a full plate weighs 50 DWT; a 16 size movement with a ¾ plate weighs 35 DWT. These weights do not include the case.

Scrap gold sells for about 80 percent of the daily gold quote for 24k gold and scrap silver brings about 85 percent of the quote.

FINENESS OF GOLD KARATS

8k	.3333%
10k	.4167%
12k	.5000%
14k	.5833%
18k	.7500%
24k	1.0000% (100%)

MULTI-COLOR GOLD CASES

Multi-color gold cases in 18k and 14k first appeared around 1879. The 18k gold case did not lend itself to the multi-color process. The beauty of the colors was not as striking as in the 14k cases, and consequently did not sell as well. Because of the natural softness of 18k gold coupled with the unpopularity of the 18k multi-colored cases, the manufacturers decided to discontinue their production of them around 1882. For these reasons, 18k multi-color cases are about 100 times more scarce than the 14k cases.

The "brilliant period" for multi-color gold cases was from 1890 to 1895 which represents the peak for sales and craftsmanship. By 1910 the multi-color gold case was no longer made in the 18 and 16 sizes. However, smaller sizes continued to be produced after this date.

Determining a realistic market value for multi-color gold cases is not an easy task. The value is influenced largely by eye appeal, such as degree of height and the elaborateness of decorative design. The size and condition of the case are also prime factors. The heavier and larger the case, the more the value. Prices can range from $600 to $7,000 depending upon the size, condition and quality of the case that you have.

It might be worth noting that when gold prices decline, the value of multi-color cases seems to show little effect. On the other hand, however, when gold prices go up, the multi-color cases reflect this increase.

Included in the case value listings at the end of the case section, for your information, are estimated values of multi-color gold cases.

COMPOSITION OF MULTI-COLOR GOLD

To Achieve Multi-Color Gold	These Elements Are Added
Yellow	Silver & Copper
Red	25% Copper
Dead Leaf	30% Silver
Green	25% Silver
Water Green	40% Silver
Blue	25% Iron
Violet or Purple	Small Amount of Iron
White	Palladium, Silver, Nickel, zinc or platinum

Superior White Gold is 25 percent platinum.

14k gold-filled cases have about 5 percent gold.

GOLD FILLED CASES

Gold-filled cases are far more common than solid gold cases. Only about 5 percent of the cases were solid gold. In making the gold-filled case, the following process was used: two bars of gold, 12'' long, 2'' wide, and ½'' thick were placed on either side of a bar of base metal. The bar of base metal was ¾'' thick and the same length and width as the gold bars. These three bars were soldered together and placed under pressure and high temperature. The bars were now sent through rolling mills under tremendous pressure; this rolling was repeated until the desired thickness was reached. The new sandwich-type gold was in a sheet. Discs were punched out of the sheet and pressed in a die to form a dish-shaped cover. Finally the lip, or ridge, was added. The bezel, snap, and dust caps were added in the finishing room. Gold-filled cases are usually 10k or 14k gold. The cases were marked ten-year, fifteen-year, twenty-year, twenty-five-year, or thirty-year. The number of years indicated the duration of guarantee that the gold on the case would not wear through to the base metal. The higher the number of years indicates that more gold was used and that a higher original price was paid.

In 1924 the government prohibited any further use of the guarantee terms of 5, 10, 15, 20, 25, or 30 years. After that, manufacturers then marked their cases 10k or 14k Gold Filled and 10k Rolled Gold Plate. Anytime you see the terms ''5, 10, 15, 20, 25 and 30-year'' this immediately identifies the case as being gold-filled. The word ''guaranteed'' on the case also denotes gold-filled.

Rolled Gold

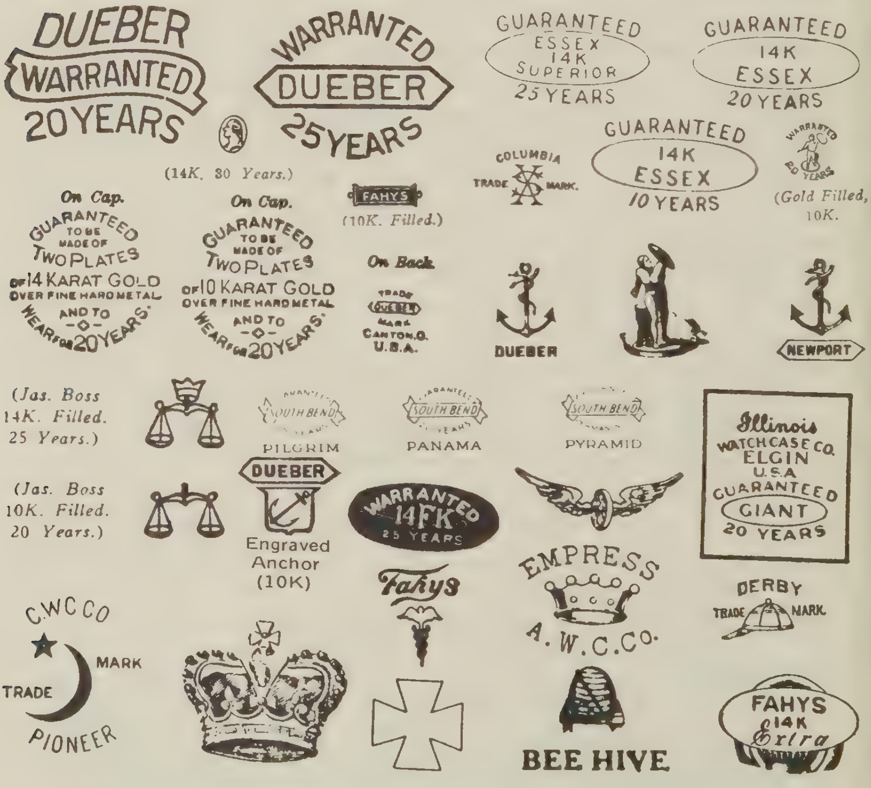
Rolled gold involved rolling gold into a micro thinness and, under extreme pressure, bonding it to each sheet of base metal. Rolled gold carried a five-year guarantee. The thickness of the gold sheet varied and had a direct bearing on value, as did the richness of the engraving.

Gold Gilding

Brass plates and wheels and cases are often gilded with gold. To do this, the parts are hung by a copper wire in a vessel or porous cell of a galvanic battery filled with a solution of offerro-cyanid of potassium, carbonate of soda, chloride of gold, and distilled water. An electric current deposits the gold evenly over the surface in about a six-minute period. One ounce of gold is enough for heavy gilding of six hundred watches. After gilding, the plates are polished with a soft buff using powdered rouge mixed with water and alcohol. The older method is fire-gilt which uses a gold and mercury solution. The metal is subjected to a high temperature so the mercury will evaporate and leave the gold plating. This is a very dangerous method, however, due to the harmful mercury vapor.

GOLD FILLED MARKS

The following gold-filled and rolled gold plate marks are not complete, but if you have any doubt that the case is solid gold, pay only the gold-filled price.


DUEBER WARRANTED 20 YEARS
WARRANTED DUEBER 25 YEARS
GUARANTEED ESSEX 14K SUPERIOR 25 YEARS
GUARANTEED 14K ESSEX 20 YEARS
GUARANTEED 14K ESSEX 10 YEARS
COLUMBIA TRADE MARK
WARRANTED 20 YEARS
GUARANTEED TO BE MADE OF TWO PLATES OF 14 KARAT GOLD OVER FINE HARD METAL AND TO WEAR FOR 20 YEARS
GUARANTEED TO BE MADE OF TWO PLATES OF 10 KARAT GOLD OVER FINE HARD METAL AND TO WEAR FOR 20 YEARS
FAHYS
TRADE OVERLAND MARK CANTON, O. U.S.A.
DUEBER
NEWPORT
SOUTH BEND
SOUTH BEND
SOUTH BEND
DUEBER
WARRANTED 14FK 25 YEARS
Illinois WATCH CASE CO. ELGIN U.S.A. GUARANTEED GIANT 20 YEARS
Fahys
EMPRESS A.W.C.CO.
DERBY TRADE MARK
C.W.C CO TRADE MARK PIONEER
BEE HIVE
FAHYS 14K Extra

(14K. 30 Years.)

On Cap.

On Cap.

(10K. Filled.)

On Back

(Gold Filled, 10K.)

(Jas. Boss 14K. Filled. 25 Years.)

(Jas. Boss 10K. Filled. 20 Years.)

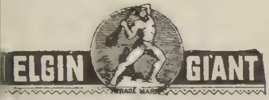
PILGRIM

PANAMA

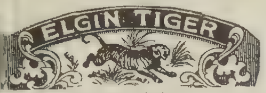
PYRAMID

Engraved Anchor (10K)

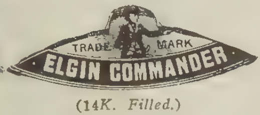
GOLD FILLED MARKS


ELGIN GIANT
TRADE MARK

(14*K*. *Filled.*)


ELGIN TIGER

(*Rolled Gold.*)


TRADE MARK
ELGIN COMMANDER

(14*K*. *Filled.*)

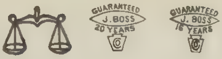
WARRANTED
R.A.W.Co.
20 YEARS

(10*K*. *Gold Filled.*)

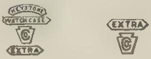
V.

(5 *Years.*)

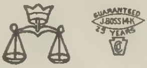
(Jas. Boss 10K. Filled. 20 Years.)

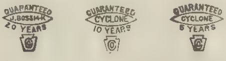

GUARANTEED
J. BOSS
20 YEARS
GUARANTEED
J. BOSS
16 YEARS

(Keystone Extra, Substitute for All-Gold Case.)


KEYSTONE
WATCH CASE
EXTRA
EXTRA

(Jas. Boss 14K. Filled. 25 Years.)


GUARANTEED
J.BOSS 14K
25 YEARS


GUARANTEED
J.BOSS 14K
20 YEARS
GUARANTEED
CYCLONE
10 YEARS
GUARANTEED
CYCLONE
5 YEARS

XV.

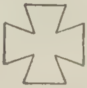
(15 *Years.*)

THE BELL
14K.

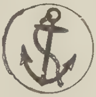
(25 *Years.*)

XX.

(20 *Years.*)



(10 *Years.*)



(25 *Years.*)

CROWN 14K. FILLED
(25 *Years.*)

CROWN 10K. FILLED
(20 *Years.*)

EMPRESS
(*Gold Filled*, 10 *Years.*)

FORTUNE
(*Gold Filled*, 20 *Years.*)

PREMIER
(*Gold Filled*, 25 *Years.*)

CASHIER
(*Gold Filled*, 25 *Years.*)

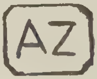
THE COMET
(10 *Years.*)

HALLMARKS OF LONDON

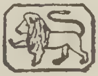
Hallmarks were used on gold and silver cases imported from England. These marks, when interpreted, will give you the age of the case and location of the assay office.

The date-marks used 20 letters of the alphabet, A-U, never using the letters W, X, Y, or Z. The letters J & I or U & V, because of their similarity in shape, were never used together within the same 20-year period. A total of four marks can be found on English cases, which are:

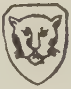
The Maker's Mark.



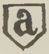
The Standard Mark.



The Assay Office Mark.



The Date Letter Mark.



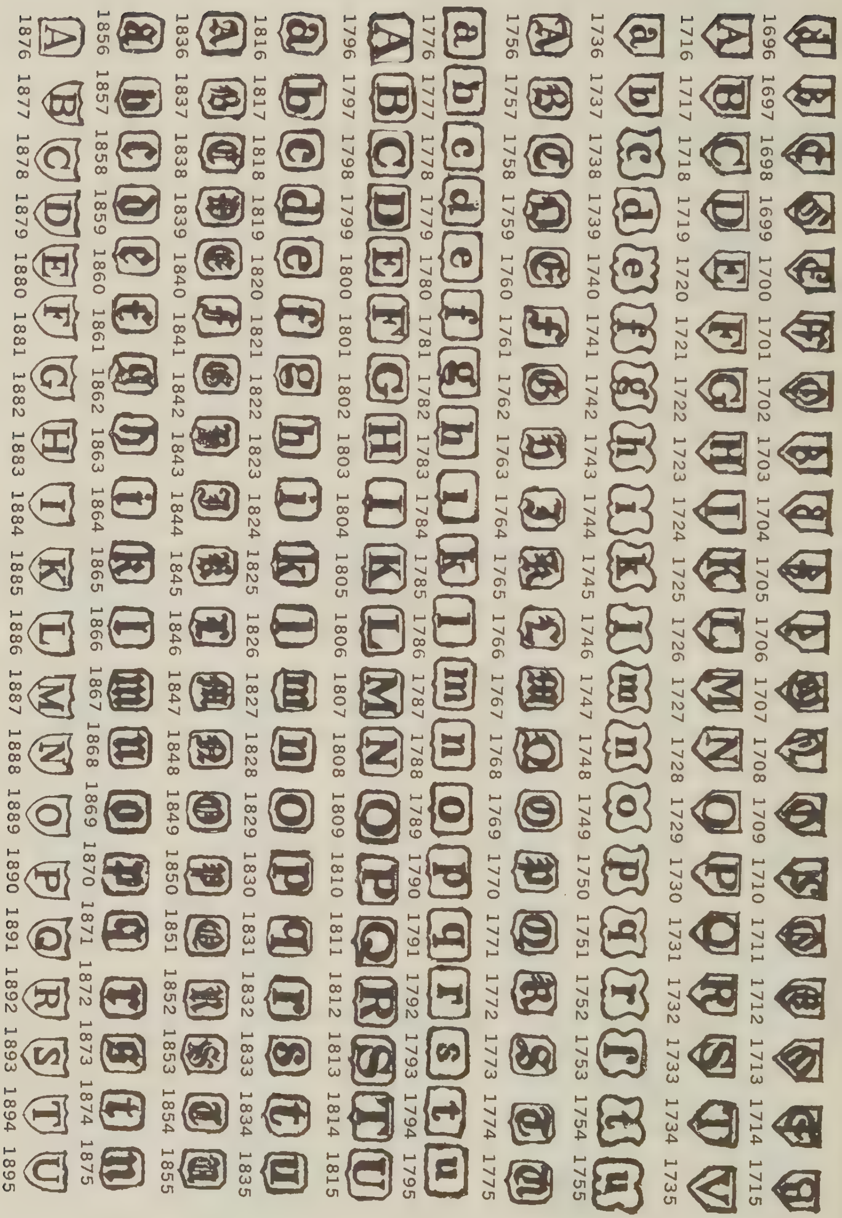
The **Maker's Mark** was used to denote the manufacturer of the case.

The **Standard Mark** was used to denote a guarantee of the quality of the metal.

The **Assay Office Mark** (also known as the town mark) was used to denote the location of the assay office.

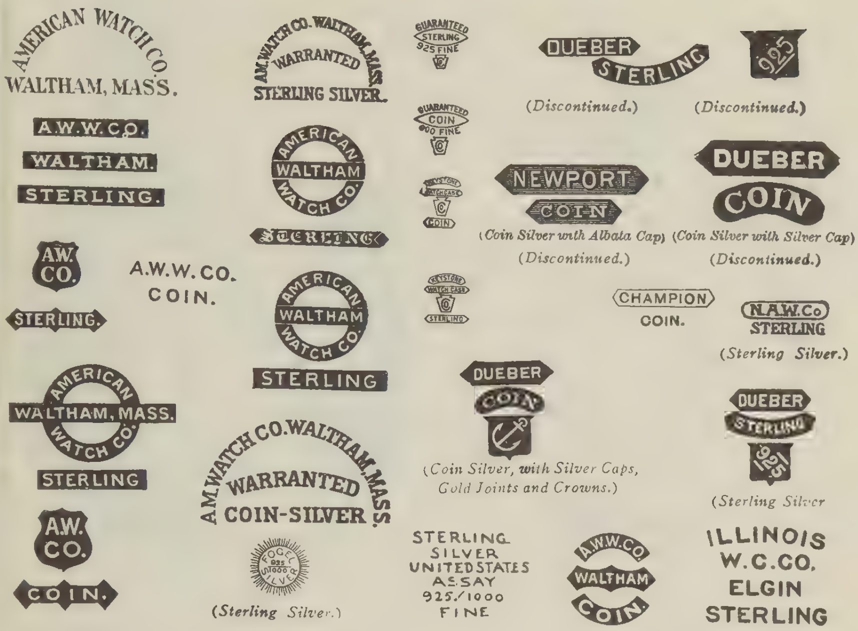
The **Date Letter Mark** was a letter of the alphabet used to denote the year in which the article was stamped. The stamp was used on gold and silver cases by the assay office.

LONDON HALLMARKS



a	b	c	d	e	f	g	h	i	k	l	m	n	o	p	q	r	s	t	u
1696	1697	1698	1699	1700	1701	1702	1703	1704	1705	1706	1707	1708	1709	1710	1711	1712	1713	1714	1715
A	B	C	D	E	F	G	H	I	K	L	M	N	O	P	Q	R	S	T	V
1716	1717	1718	1719	1720	1721	1722	1723	1724	1725	1726	1727	1728	1729	1730	1731	1732	1733	1734	1735
a	b	c	d	e	f	g	h	i	k	l	m	n	o	p	q	r	ſ	t	u
1736	1737	1738	1739	1740	1741	1742	1743	1744	1745	1746	1747	1748	1749	1750	1751	1752	1753	1754	1755
A	B	C	D	E	F	G	H	I	K	L	M	N	O	P	Q	R	S	T	U
1756	1757	1758	1759	1760	1761	1762	1763	1764	1765	1766	1767	1768	1769	1770	1771	1772	1773	1774	1775
a	b	c	d	e	f	g	h	i	k	l	m	n	o	p	q	r	s	t	u
1776	1777	1778	1779	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	1790	1791	1792	1793	1794	1795
A	B	C	D	E	F	G	H	I	K	L	M	N	O	P	Q	R	S	T	U
1796	1797	1798	1799	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	1810	1811	1812	1813	1814	1815
a	b	c	d	e	f	g	h	i	k	l	m	n	o	p	q	r	s	t	u
1816	1817	1818	1819	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835
A	B	C	D	E	F	G	H	I	K	L	M	N	O	P	Q	R	S	T	U
1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
a	b	c	d	e	f	g	h	i	k	l	m	n	o	p	q	r	s	t	u
1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875
A	B	C	D	E	F	G	H	I	K	L	M	N	O	P	Q	R	S	T	U
1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895

SILVER CASE MARKS


AMERICAN WATCH CO. WALTHAM, MASS.
A.W.W.CO. WALTHAM. STERLING.
AW. CO. STERLING.
A.W.W.CO. COIN.
AMERICAN WALTHAM, MASS. WATCH CO. STERLING
AW. CO. COIN.
AM. WATCH CO. WALTHAM, MASS. WARRANTED STERLING SILVER.
AMERICAN WALTHAM WATCH CO. STERLING
AMERICAN WALTHAM WATCH CO. STERLING
AM. WATCH CO. WALTHAM, MASS. WARRANTED COIN-SILVER
FOGEL 925 1000 SILVER
GUARANTEED STERLING 925 FINE
GUARANTEED COIN 900 FINE
KEYSTONE WATCH CASE COIN
KEYSTONE WATCH CASE STERLING
DUEBER STERLING
925
NEWPORT COIN
DUEBER COIN
CHAMPION COIN.
N.A.W.Co STERLING
DUEBER COIN
DUEBER STERLING 925
STERLING SILVER UNITED STATES ASSAY 925/1000 FINE
A.W.W.CO. WALTHAM COIN
ILLINOIS W.C.CO. ELGIN STERLING

(Discontinued.)

(Discontinued.)

(Coin Silver with Albata Cap) (Discontinued.)

(Coin Silver with Silver Cap) (Discontinued.)

(Sterling Silver.)

(Coin Silver, with Silver Caps, Gold Joints and Crowns.)

(Sterling Silver

(Sterling Silver.)

HUNTING CASES

A hunting case is identified by a cover over the face of the watch. The case is opened by pressing the stem of the watch. The cover was used for dress and protection and the hunter case was carried by men of status.

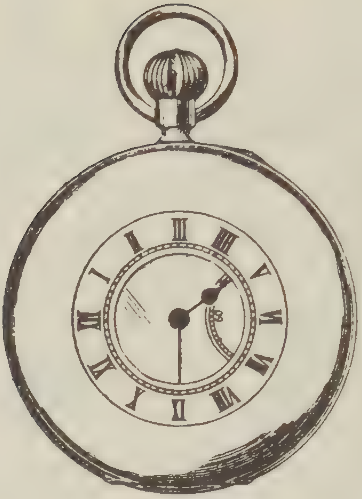
How To Handle A Hunting Case Watch

Hold the watch in right hand with the bow or swing ring between the index finger and thumb. Press on the stem with the right thumb to release the cover exposing the face.

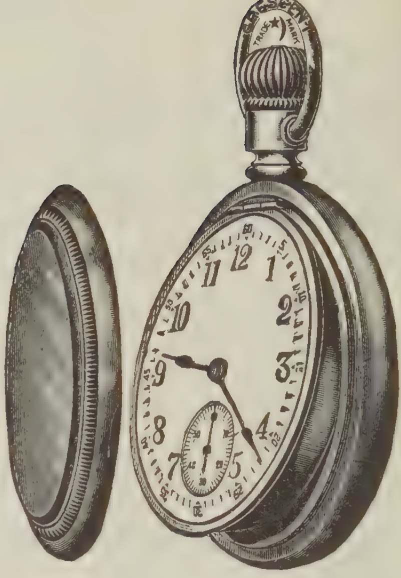
When closing, don't snap the front cover. Press the crown to move the catch in, close the cover, then release the crown. This will prevent wear to the soft gold on the rim and catch.

SWING-OUT MOVEMENTS

On some watches the movement swings out from the front. On these watches the movement can be swung out by unscrewing the crystal and pulling the stem out to release the movement. See example below.

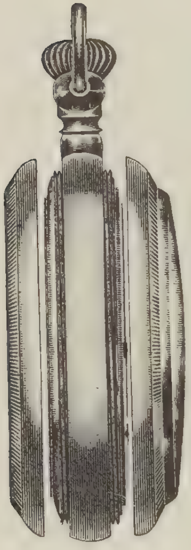


Demi-Hunting Case

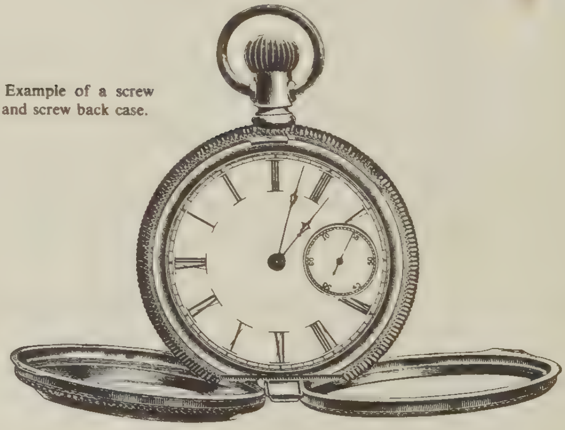

CRESCENT
TRADE MARK

Swing-out Case

Below: Example of a reversible case to either hunting or open face.



Left: Example of a screw bezel and screw back case.

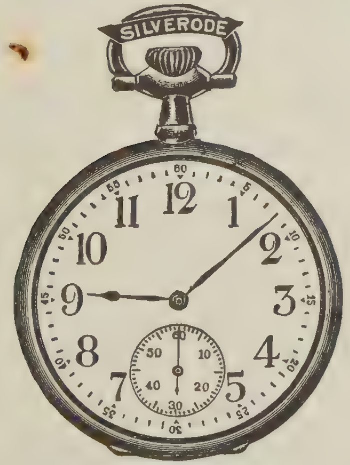


INSPECTING OPEN-FACED WATCHES

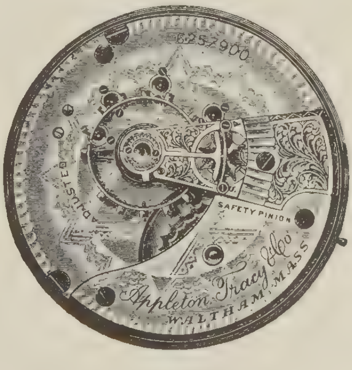
For watches with a screw-on front and back, as in railroad models, hold the watch in the left hand and, with the right hand, turn the bezel counter clockwise. While removing the bezel, hold onto the stem and swing ring in order not to drop the watch. Lay the bezel down, check the dial for cracks and crazing nicks, chips, etc. Look for lever and check to see that it will allow hands to be set. After close examination, replace the bezel and turn the watch over. Again, while holding the stem between the left thumb and index finger, remove the back cover. If it is a screw-on back cover, turn it counter clockwise. If it is a snap-on cover, look for the lip on the back and use a pocket knife to pry the back off.

DAMASKEENING

Damaskeening (pronounced dam-a-skeening) is the process of applying ornate designs on metal by inlaying gold or by etching. Damaskeening on watch plates became popular in the late 1870s. This kind of beauty and quality in the movement was a direct result of the competition in the watch industry. Illinois, Waltham, Rockford, and Seth Thomas competed fiercely for beauty. Some damaskeening was in two colors of metal such as copper and nickel. The process derives its name from Damascus, a city in Syria, most famous for its metal work. A kind of steel was made there with designs of wavy or varigated lines etched or inlaid on their swords.



Open Face Case



Example of Damaskeening

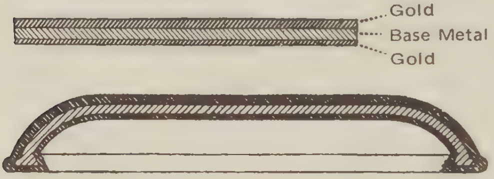
DISPLAY CASE WATCHES

Display case watches were used by salesmen and in jewelry stores to show the customer the movement. Both the front and back had a glass crystal. These are not rare, but are nice to have in a collection to show off a nice watch movement.

WATCH CASE PRODUCTION

Before the Civil War, watchmaking was being done on a very small scale, and most of the companies in business were making their own movements as well as their own cases. After the War, tradesmen set up shop specializing exclusively in cases, while other artisans were making the movements. The case factories, because of mass production, could more economically supply watch manufacturers with cases than the manufacturers could produce their own.

A patent was granted to James Boss on May 3, 1859, and the first gold-filled watch cases were made from sandwich-type sheets of metal. Boss was not the first to use gold-filled, but he did invent a new process that proved to be very successful, resulting in a more durable metal that Boss sold with a 20-year **money-back** guarantee.



The illustration at left is a sandwiched type gold filled case.

GOLD CASE
WEIGHTS BY SIZE

	Pennyweights (DWT)				
Size & Style of Case	**Ex. Heavy**	**Heavy**	**Medium**	**Light**	**Ex. Light**
18 size Hunting Case	60 to 65	50 to 55	45 to 50	40 to 45	35
16 size Hunting Case	55 to 60	45 to 50	40 to 45	35 to 40	32
18 size Open Face Case		40 to 45	38	35	
16 size Open Face Case		40	36	30	
12 size Open Face Case (Thin)					14
6 size Hunting Case	24	22	20	18	
0 size Hunting Case					14 to 16

An 18 size movement with a full plate weighs 50 DWT; a 16 size movement with a ¾ plate weighs 35 DWT. These weights do not include the case.

CARE OF WATCHES

To some people a watch is just a device that keeps time. They do not know the history of its development nor how it operates. They have no appreciation for improvements made over the years. They will seldom give it more than a fleeting thought that a watch is a true miracle of mechanical genius and skill. The average person will know it must be wound to run, that it has a mainspring and possibly a hairspring. Some even realize there are wheels and gears and, by some strange method, these work in harmony to keep time. If for some reason the watch should stop, the owner will merely take it to a watch repair shop and await the verdict on damage and cost.

To be a good collector one must have some knowledge of the components of a watch and how they work and the history of the development of the watch. To buy a watch on blind faith is indeed risky, but many collectors do it every day because they have limited knowledge.

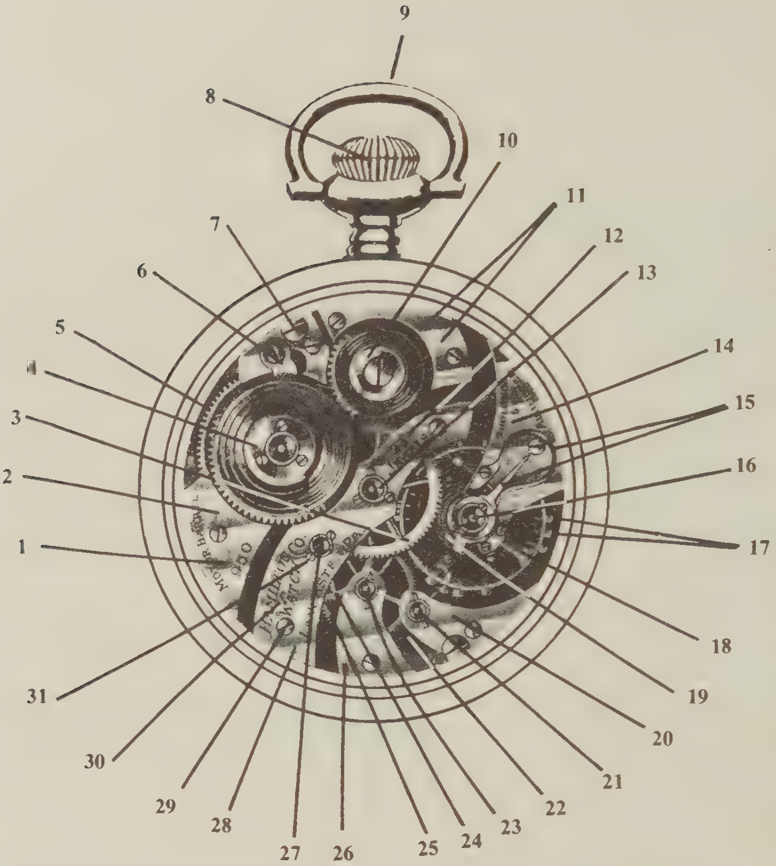
How does a watch measure time and perform so well? Within the case one can find the fulcrum, lever, gear, bearing, axle, wheel, screw, and the spring which overcomes nature's law of gravity. All these parts harmonize to provide an accurate reading minute by minute. A good collector will be able to identify all of them.

After acquiring a watch, you will want to take good care of it. A watch should be cleaned inside and out. Dirt will wear it out much faster, and gummy oil will restrict it and keep it from running all together. After the watch has been cleaned it should be stored in a dry place. Rust is the No. 1 enemy. A watch is a delicate instrument but, if it is given proper care, it will provide many years of quality service. A pocket watch should be wound at regular intervals—about once every 24 hours, early each morning—so the mainspring has its full power to withstand the abuse of daily use. Do not carry a watch in the same pocket with articles that will scratch or tarnish the case. A fully wound watch can withstand a jar easier than a watch that has been allowed to run down. Always wind a watch and leave it running when you ship it. If you are one who enjoys carrying a watch be sure to have it cleaned at least once every two years.

EXAMINATION AND INSPECTION OF A WATCH BEFORE PURCHASING

The examination and inspection of a watch before purchasing is of paramount importance. This is by no means a simple task for there are many steps involved in a complete inspection.

The first thing you should do is to listen to a watch and see how it



MOVEMENT IDENTIFICATION

1. Grade Number. **2.** Nickel Motor Barrel Bridge. **3.** Center Wheel (2nd Wheel). **4.** Winding Wheel with Jewel Setting. **5.** First Barrel Wheel. **6.** Winding Click. **7.** Case Screw. **8.** Pendant Crown. **9.** Pendant Bow or Swing Ring. **10.** Crown Wheel with Screw. **11** Damaskeening-horizontal pattern. **12.** Number of Jewels. **13.** Center Wheel Jewel with Setting. **14.** Adjusted to Heat, Cold, Isochronism & 5 Positions. **15.** Patented Regulator with Index & Spring. **16.** Balance End Stones (Diamonds, Rubys, & Sapphires were used). **17.** Balance Screws. **18.** Compensating Balance Wheel. **19.** Hairspring. **20.** Escapement Bridge. **21.** Escapement Wheel Jewel with Setting (Diamonds, Rubys, & Sapphires were used). **22.** Escapement Wheel. **23.** Fourth Wheel Jewel with Setting. **24.** Third Wheel. **25.** Fourth Wheel. **26.** Fourth Wheel Bridge. **27.** Third Wheel Jewel with Setting. **28.** Center & Third Wheel Bridge. **29.** Bridge Screw. **30.** Manufacturers Name & Location. **31.** Jewel Setting Screw.

sounds. Many times the trained ear can pick up problems in the escapement and balance. The discriminating buyer will know that sounds cannot be relied on entirely because each watch sounds different, but the sound test is worthwhile and is comparable to the doctor putting the stethescope to a patient's heart as his first source of data.

Check the bow to see if it is fastened to the case well and look at the case to see if correction is necessary at the joints. The case should close firmly and tightly at both the back and front. (Should the case close too firmly, rub the rim with beeswax which will ease the condition and prolong the life of the rim.)

Take note of the dents, scratches, and wear and other evidences of misuse. Does the watch have a general good appearance? Check the bezel for proper fitting and the crystal to see if it is free of chips.

Remove the bezel and check the dial for chips and hairline cracks. Look for stains and discoloration and check to see if the dial is loose. It is important to note that a simple dial with only a single sunk dial is by nature a stronger unit due to the fact that a double sunk dial is constructed of three separate pieces.

If it is a stem-winder, try winding and setting. Problems in this area can be hard to correct, and parts are hard to locate and possibly may have to be handmade. If it is a lever set, pull the lever out to see if the lever sets properly into gear. Also check to see that the hands have proper clearance.

Now that the external parts have been inspected, open the case to view the movement. Check to see that the screws hold the movement in place securely. Note any repair marks and any missing screws. Make a visual check for rust and discolorations, dust, dirt and general appearance. If the movement needs cleaning and oiling, this should be deducted from the price of the watch as well as any repair that will have to be made.

Note the quality of the movement. Does it have raised gold jewel settings or a gold train (center wheel or all gears)? Are the jewels set in or pressed in? Does it have gold screws in the balance wheel? Sapphire pallets? Diamond end stones? Jeweled motor barrel? How many adjustments does it have? Does it have overall beauty and eye appeal?

Examine the balance for truth. First look directly down upon the balance to detect error truth in the roundness. Then look at it from the side to detect error in the flat swing or rotation. It should be smooth in appearance.

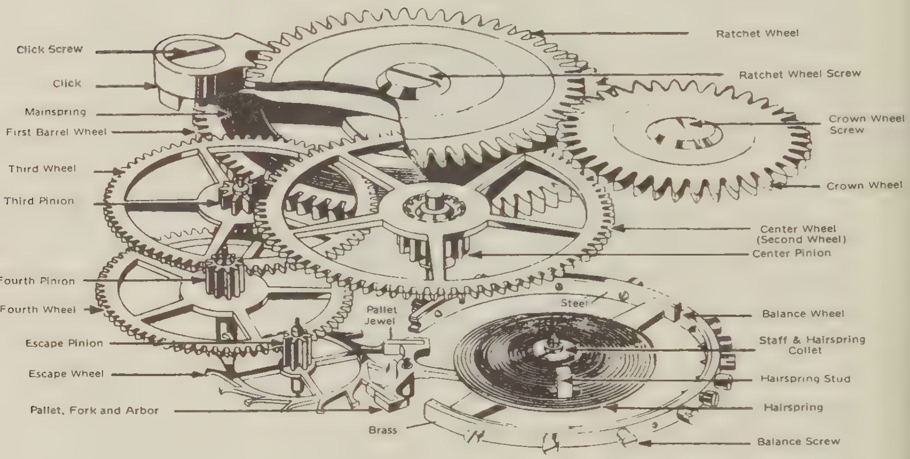
Examine the hairspring in the same manner to detect errors in truth. When a spring is true in the round, there will be no appearance of jumping when it is viewed from the upper side. The coils will appear to uniformly dilate and contract in perfect rhythm when the balance is in motion.

After the movement and case have been examined to your satisfaction and all the errors and faults are found, talk to the owner as to the history and his personal thoughts about the watch. Is the movement in the original case? Is the dial the original one? Just what has been replaced?

Has the watch been cleaned? Does it need any repairs? If so, can the seller recommend anyone to repair the watch?

Finally, see if the seller makes any type of guarantee. And get an address and phone number. It may be valuable if problems arise, or if you want to buy another watch in the future.

WATCH MOVEMENT PARTS


Click Screw
Click
Mainspring
First Barrel Wheel
Third Wheel
Third Pinion
ourth Pinion
Fourth Wheel
Escape Pinion
Escape Wheel
Pallet, Fork and Arbor
Pallet Jewel
Brass
Steel
Ratchet Wheel
Ratchet Wheel Screw
Crown Wheel Screw
Crown Wheel
Center Wheel (Second Wheel)
Center Pinion
Balance Wheel
Staff & Hairspring Collet
Hairspring Stud
Hairspring
Balance Screw

HOW A WATCH WORKS

There are five basic components of a watch:

1. The **mainspring** and its winding mechanism which provides power.
2. The **train** which consists of gears, wheels and pinions that turn the hands.
3. The **escapement** consisting of the escape wheel and balance which regulates or controls.
4. The **dial and hands** which tell the time.
5. The **housing** consisting of the case and plates which protect.

The motion of the balance serves the watch the same as a pendulum serves a clock. The balance wheel and roller oscillate in each direction moving the fork and lever by means of a ruby pin. As the lever moves back and forth it allows the escape wheel to unlock at even intervals (about 1/5 sec.) and causes the train of gears to move in one direction under the power of the mainspring. Thus, the mainspring is allowed to be let down or unwind one pulse at a time.

THE MAINSPRING

The mainspring provides power to the watch. The mainspring is made of a piece of hardened and tempered steel about 20 inches long and coiled in a closed barrel between the upper and lower plates of the movement. It is matched in degree of strength, width, and thickness most suitable for the watch's need or design. It is subject to differing conditions of temperature and tensions (the wound-up position having the greatest tension). The lack of uniformity in the mainspring affects the timekeeping qualities of a watch.

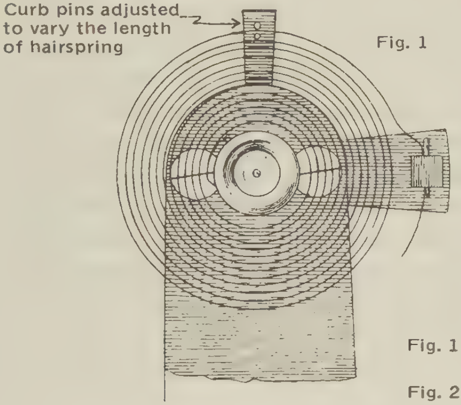


Fig. 1

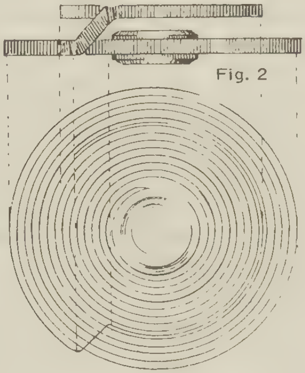


Fig. 2

Fig. 1. Bottom view of Hairspring & Cock.

Fig. 2. A Side and Top view of Hairspring

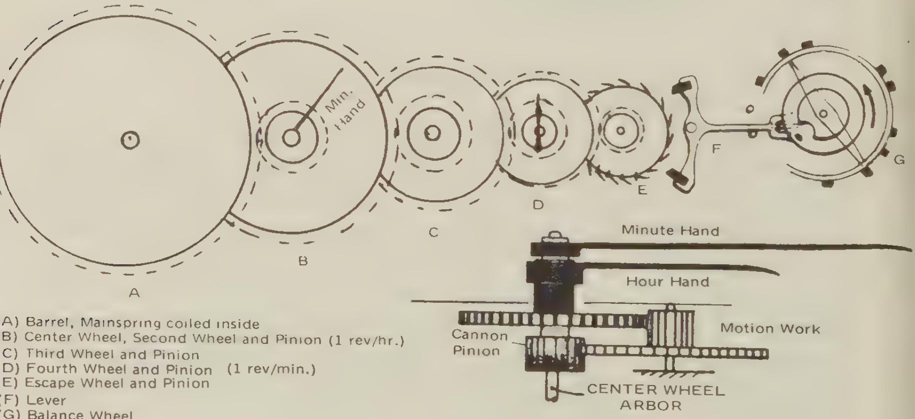
THE HAIRSPRING

The hairspring is the brain of the watch and is kept in motion by the mainspring. The hairspring is the most delicate tension spring made. It is a piece of flat wire about 12 inches long, 1/100th of an inch wide, 2½/1,000th of an inch thick, and weighs only about 1/9,000th of a pound. Thousands of these hairsprings can be made from one pound of steel. The hairspring controls the action of the balance wheel. The hairspring steel is drawn through the diamond surfaces to a third the size of a human hair. There are two kinds of hairsprings in the watches of later times, the flat one and the Breguet. The Breguet (named for its French inventor) is an overcoil given to the spring. There are two methods for overcoil, the oldest being the way the spring is bent by hand; with the other method the overcoil is bent or completed in a form at one end and at the same time is hardened and tempered in the form. The hairspring contracts and expands 432,000 times a day.

THE TRAIN

The time train consists of the mainspring barrel, center wheel and pinion, third wheel and pinion, fourth wheel and pinion, and escape wheel which is part of the escapement. The function of the time train is to reduce the power of the mainspring and extend its time to 36 hours or more. The mainspring supplies energy in small units to the escapement, and the escapement delays the power from being spent too quickly.

The center wheel is in the center of the watch and turns once every hour. It is the largest wheel in the train, and the arbor or post of the center wheel carries the minute hand. The center wheel pinion is in mesh with the mainspring barrel (pinions follow and the wheel supplies the power). The center wheel is in mesh with the third wheel pinion (the third wheel makes eight turns to each turn of the center wheel). The third wheel is in mesh with the fourth wheel pinion, and the fourth wheel pinion is in mesh with the escape wheel pinion. The fourth wheel post carries the second hand and is in a 1:60 ratio to the center wheel (the center wheel turns once every hour and the fourth wheel turns 60 turns every hour). The escape wheel has 15 teeth (shaped like a flat foot) and works with two pallets on the lever. The two pallet jewels lock and unlock the escape wheel at intervals (1/5 sec.) allowing the train of gears to move in one direction under the influence of the mainspring. The lever (quick train) vibrates 18,000 times to one turn of the center wheel (every hour). The hour hand works from a motion train. The mainspring barrel makes about five turns every 36 hours.



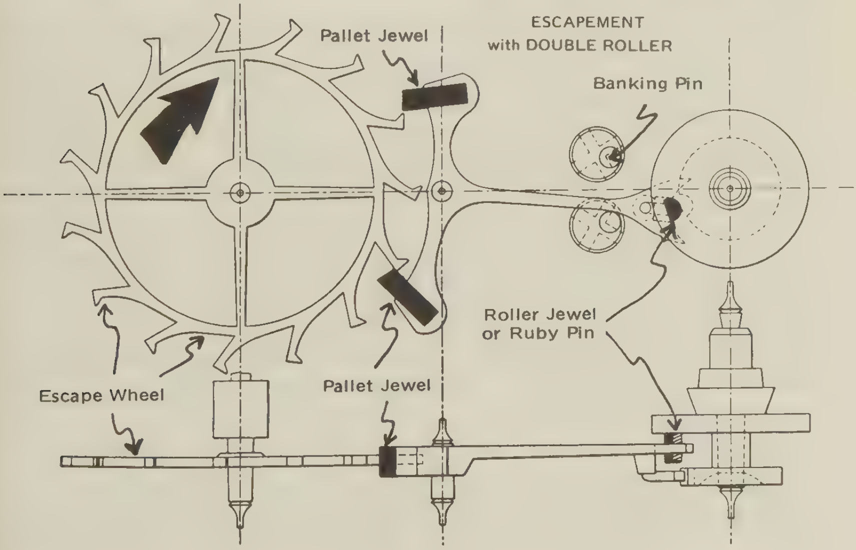
A) Barrel, Mainspring coiled inside
B) Center Wheel, Second Wheel and Pinion (1 rev/hr.)
C) Third Wheel and Pinion
D) Fourth Wheel and Pinion (1 rev/min.)
E) Escape Wheel and Pinion
F) Lever
G) Balance Wheel

GEARS OR WHEELS

Why are the gears made of brass? Steel is used in watch manufacturing when a part must be under great strain and very slender. But when there is friction between two wheels, one is made of steel and the other brass. This combination will outlast two wheels of the very hardest steel. To make the gears, large sheets of steel and brass are cut into ribbons. These ribbons are then passed between a pair of steel rollers and thinned to the exact size or thickness of 1/4,000th of an inch. Then only one of the ribbons is set in a huge press of 20 tons. The press rises and then suddenly falls and in a click a perfect spoke wheel is cut. A single operator could cut as many as 10,000 a day. The newly cut wheels must be shaped, smoothed, and have teeth cut. Cutting teeth starts by stacking about twenty or more blank wheels. A shaft is passed through the center and a screw holds them together. A steel cutter makes a groove down the outer edge of the pile of wheels. Each wheel has sixty to eighty teeth. A single operator could produce about 1,200 wheels a day.

SOLID GOLD TRAIN

Some watches have a gold train instead of brass wheels. These watches are more desirable. To identify gold wheels within the train, look at a Hamilton 992: the center wheel is made of gold and the other wheels are made of brass. (The center wheel is in the center of the watch.) Why a gold train? Gold is soft, but it has a smooth surface and it molds easily. Therefore, the wheels have less friction. These wheels do not move fast, and a smooth action is more necessary than a hard metal. Gold does not tarnish or rust and is non-magnetic. The arbors and pinions in these watches will be steel. Many watches have some gold in them, and the collector should learn to distinguish it.



THE ESCAPEMENT

The escapement is the heart of a watch and determines the quality and accuracy of the timepiece. To keep time accurately the escapement must be precision built and adjusted. The escapement is the controller; its purpose is to regulate the flow of power from the train at a steady rate. Most escape wheels have fifteen teeth shaped like a flat foot. The escape wheel is made of hardened steel and highly polished. It takes about six seconds for the escape wheel to make one revolution. The escape wheel impulses or lifts the lever which keeps the balance wheel oscillating. Were it not for this assist, the balance wheel would stop. The lever has two pallet stones, the entry pallet and the exit pallet, made from a ruby or sapphire (because they contain fewer flaws). The other end of the lever is called the fork, and it works with the balance wheel by contacting the roller jewel.

The balance is the most complicated part of the watch and adds much to the expense. The hairspring is a spiral, no thicker than a hair, that causes the balance to oscillate. The speed or rate is governed by the strength of the hairspring. The rim is made of alloys that prevent undue expansion or contraction during temperature changes; also on the rim are screws in matched pairs diametrically opposite each other to add mass and permit adjusting the balance. No one screw exerts any more of a greater gravitational pull than the other, thus achieving a perfect balance or poise. The balance rotates on the balance staff (axle). The staff has two pivots revolving in jeweled bearings. On the lower half of the balance staff are one or two discs called roller tables. A jewel pin (roller jewel) is driven into the roller table. A second roller table, which may be in the balance, has a slot in it and works with the guard finger (middle finger).

The escape wheel moves towards the entry pallet stone. As the pallet jewel stone is moving down, the escape wheel tooth contacts the locking surface of the entry pallet stone, and the escape wheel is brought to rest. The escape wheel, under the influence of the mainspring, presses against the locking face of the entry pallet. This downward movement draws the lever hard against the banking pin and holds it there. The balance completes its turn, stops, then reverses itself under the influence of the hairspring. The ruby pin follows and enters the fork of the lever and forces the lever away from the banking pin. As the entry pallet moves up and away, it receives pressure from the tooth on the impulse face. The impulse is transmitted through the lever to the balance wheel. The entry pallet moves up away from the escape wheel releasing the tooth. The ruby pin continues to move, pushing the lever over and into the exit pallet stones locking face. The adjacent tooth of the escape wheel strikes the exit pallets locking surface and the lever is drawn into the escape wheel forcing the lever into the banking pin holding it there. The balance completes its turn, stops, reverses direction. The ruby enters the fork on its reversal, moving the lever away from the banking pin. This pulls the exit pallet stone up, and as the lever moves, the impulse from the escape wheel gives a further impulse or swing to the balance, thus moving the entry pallet into the escape and locking face.

Each backward or forward turn of the balance wheel is a beat. The balance and hairspring are coordinated to swing or vibrate 18,000 times an hour, or 300 times a minute, or five times a second. The balance staff must withstand 157,680,000 turns a year and the balance wheel travels 3,732 miles. However, many watches used for 10 years show little sign of use.

SCREWS

Screws used in watches are very small and precise. These screws measure 254 threads to the inch and 47,000 of them can be put into a thimble. The screws were hardened and tempered and polished to a cold hard brilliance. By looking at these screws through a magnifying glass one can see the uniformity.

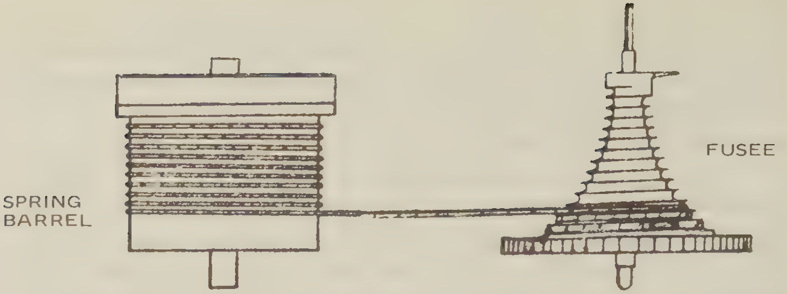
THE PLATES

The movement of a watch has two plates and the works are sandwiched in between. The plates are called the top plate and the pillar plate. The top plate fully covers the movement. The ¾ plate watch and the balance bridge are flush and about ¼ of a full plate is cut out to allow for the balance, thus the ¾ plate. The bridge watch has two or three fingers to hold the wheels in place and together are called a bridge, just as the balance is called the balance bridge. The metal is generally brass, but on better grade watches, nickel is used. The full plate is held apart by four pillars. In older watches the pillars were very fancy, and the plates were pinned, not screwed, together. The plates can be gilded or engraved when using brass. Some of the nickel plates have damaskeening. There are a few watches with plates made of gold. The plates are also used to hold the jewels, settings, etc. Over 30 holes are drilled in each plate for pillars, pivots, and screws.

The pinion is the smaller of the two wheels that exist on the shaft or arbor. They are small steel gears and usually have six teeth called leaves. Steel is used wherever there is great strain, but where there is much friction, steel and brass are used together: one gear of brass, and a pinion of steel. After the leaves have been cut, the pinions are hardened, tempered, and polished.

THE FUSEE

A mainspring gives less and less power as it lets down. To equalize the power a fusee was first used. Fusee leverage increases as

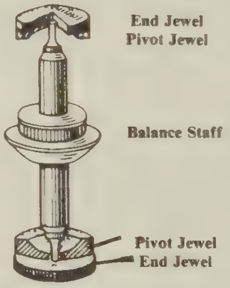


the mainspring lets down. A fusee is smaller at the top for a full mainspring. When the chain is at the bottom, the mainspring is almost spent, and the fusee has more leverage. Leonardo da Vinci is said to have invented the fusee.

When the mainspring is fully wound, it also pulls the hardest. At that time the chain is at the small end of the fusee. As the spring grows weaker, the chain descends to the larger part of the fusee. In shifting the tension, it equalizes the power.

On the American watch, the fusee was abandoned for the most part in 1850 and an adjustment is used on the hairspring and balance wheel to equalize the power through the 24 hours. When a watch is first wound the mainspring has no more power than it does when it is nearly run down. With or without the fusee the number of parts in a watch are about the same: close to 800.

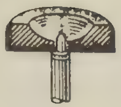
Roller Jewel	1
Balance with end stones	4
Lever Arbor	2
Pallet Stones	2
Escape Wheel	2
Fourth Wheel	2
Third Wheel	2
Center Wheel	2
Total	17



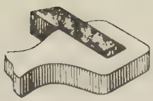
JEWELING

Jewels were not used in watchmaking just to add to the instrinsic value of a movement but for the purpose of equalizing and reducing friction, thus achieving continuity and resulting in the pivots and bearings and overall timekeeping quality lasting much longer.

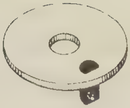
Watch jewels are mainly ruby or garnet with the ruby being harder and more expensive. Sapphires and diamonds are found in the higher grade movements only. Jewels are used in the places where the



Pivot Jewel



Pallet Stone
located in Lever



Roller Table with Jewel

most friction occurs.

With the **seven-jeweled watch**, the pivots of the balance wheel each run in a jewel, and the cap or end stone jewel serves as a bearing for the ends of the balance pivots. (By this method, the friction can be equalized, and the watch will keep the same time whether it's on its edge, face or back.) Two jewels are used in the pallet, which operates with the escape wheel, and the roller jewel is set in the roller table, which is under the balance wheel on the balance staff.

In the **eleven-jeweled watch**, seven are used in the escapement as above. In addition, the four top pivots—the third wheel, the fourth wheel, the escape wheel, and the pallet—are jeweled.

In the **fifteen-jeweled watch**, seven jewels are used in the escapement and eight plate jewels are used, four of which are set the same as in the eleven-jeweled movement and the other four on the opposite pivots in the lower plate.

In the **seventeen-jeweled watch**, the jewels are distributed as in the fifteen, with the addition of one for each pivot of the center wheel.

In the **nineteen-jeweled watch**, the jewels are distributed as in the seventeen, with the addition of one for each pivot of the barrel or mainspring.

In the **twenty-one-jeweled watch**, the jewels are distributed as in the seventeen-jeweled grade, with the addition of two cap jewels each for the pallet and escape wheel.

In the **twenty-three-jeweled watches**, the jewels are distributed as in the twenty-one-jeweled grades, with the addition of one for each pivot of the barrel or mainspring.

In the **twenty-four-, twenty-five-, and the twenty-six-jeweled watches**, the additional jewels were distributed as cap jewels. These were not very functional but were offered as prestige movements for the person who wanted more.

In many cases, these jewel arrangements varied according to manufacturer. All jeweled watches will not fit these descriptions.

— Adapted from 1902 Sears, Roebuck Catalog.

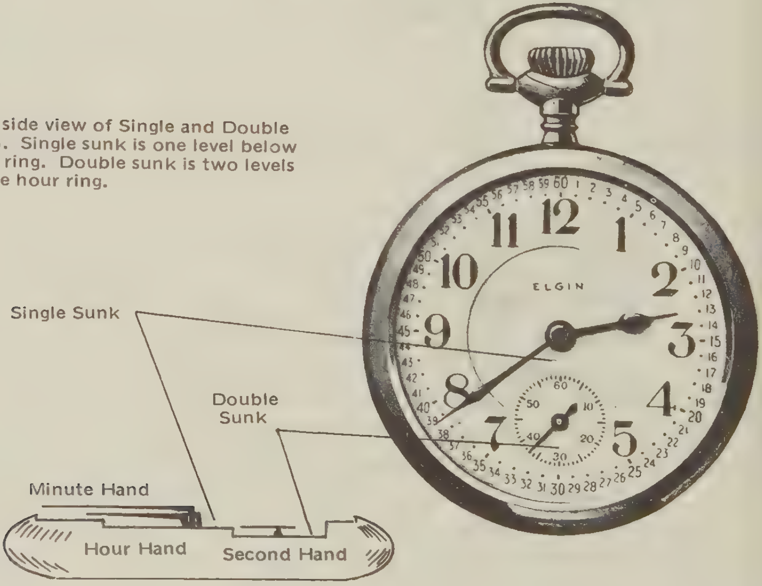
DIAL MAKING

Watch dials were basically hand produced. The base is copper and the coating is generally enamel. In the process the copper plate is covered with a fine white enamel, spread with a knife to a thickness of 3/100ths of an inch. It is then allowed to dry at which time it is placed on a plate and inserted into a red hot furnace. The dial is turned frequently with a pair of long tongs. The copper would melt if it were not coated with the enamel. After the dial has been in the furnace for one minute it is removed and the resulting enamel is soft. The dial is now baked onto the copper plate or ''set.'' The surface is rough after cooling, and it is sanded smooth with sandstone and emery. It is then baked again. The dial is now ready for the painter, who draws six lines across the dial using a lead pencil. Then, with a pencil of black enamel, he traces the numbers; next the numbers are finished at the ends to make them symmetrical. Then the minute marks are made. Lastly, the name of the watch company is painted onto the dial. The dial is glazed and fired again, then polished. The dial artist uses a magnifying glass and a fine camelhair brush to paint the dials and produced about one dozen per hour.

FIRST DIALS

Henri Foucy was the first man to make enamel dials in America. He came to New York from Geneva, Switzerland, in 1856 and was employed by the American Watch Factory.

Top and side view of Single and Double sunk dial. Single sunk is one level below the hour ring. Double sunk is two levels below the hour ring.



CRAZING

The word "craze" means a minute crack in the glaze of the enamel. This is not a crack in the dial because the dial has a backing of copper. Crazing does little damage to structure of the enamel even though it may go all the way through to the copper.

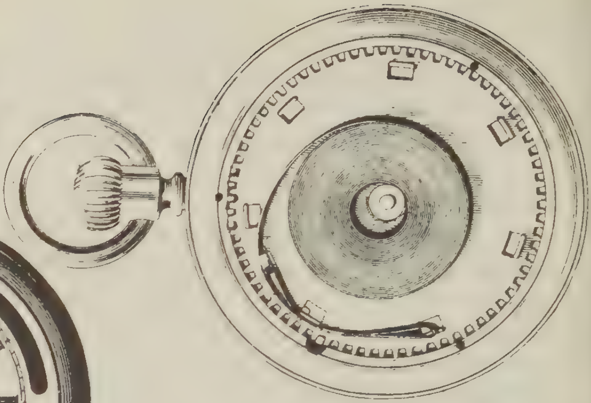
ENAMEL

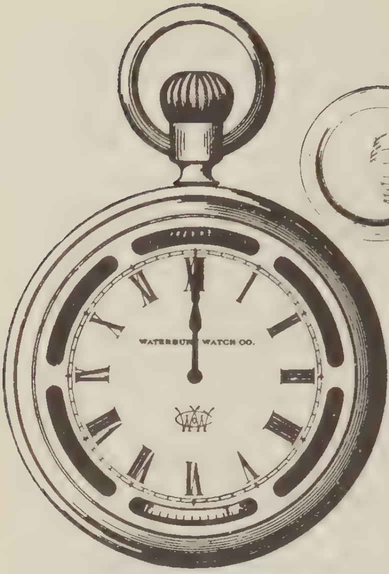
Enamel may be transparent or colored. Enamel acts as a protective surface for the metals. It is resistant to acid, corrosion, and weather. Enamel is made of feldspar, quartz, silica, borax, lead, and mineral oxides. These materials are ground into a fine powder and then fired at a temperature of about 1500 degrees Fahrenheit. The heat melts the enamel powder and unites it with the surface of the metal.

LOW COST PRODUCTION WATCHES (DOLLAR WATCHES)

Jason R. Hopkins hoped to produce a watch that would sell for no more than 50 cents as early as the 1870s. And he had a plan for which he received a patent (No. 161513) on July 20, 1875. It was a noble idea even though it was never fully realized. In 1876, Mr. Hopkins met a Mr. Fowle who bought an interest in the Hopkins watch. The movement was developed by the Auburndale Watch Co. and the Auburndale Rotary Watch was marketed in 1877. It cost $10, and 1,000 were made. The 20 size had two jewels and was open-face, pendant wind, lever set, and detent escapement. The 18 size had no jewels and was open-face.

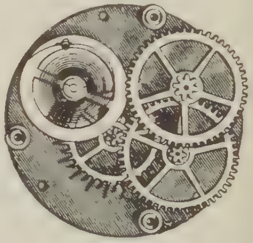
In December, 1878, D. A. Buck introduced a new watch at a record low price of $3.50 under the name of Benedict and Burnham Manufacturing Co. It was a rotary watch, open-face, with a skeleton dial which was covered with paper and celluloid. The movement turned around in the case, once every hour, and carried the minute hand with it. There were 58 parts and all of them were interchangeable. They had no jewels but did have a duplex style escapement. The teeth on the brass escape wheel were alternately long and short, and the short teeth were bent down to give the impulse. The main spring was about nine feet long and laid on a plate on the bed of the case. The click was also fastened to the case. The extremely long mainspring took 140 half turns of the stem to be fully wound. It came to be known as the "long wind" Waterbury and was the source of many jokes, "Here, wind my Waterbury for awhile; when you get tired, I'll finish winding it."



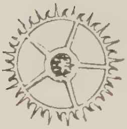

WATERBURY WATCH CO.

Above: Example of a Waterbury longwind showing the nine foot long spring.

Left: Face illustration of a Waterbury Longwind. The movement can be seen through open skeleton area around edge or face.



Right: Example of a two wheel train rather than the standard four wheel train.



Left: Example of the escape wheel for the duplex escapement.

In 1892 R. H. Ingersoll ordered 1,000 watches produced at a cost of 85 cents each. He offered the watch for sale in his mail-order catalog for $1 each and advertised it as, "The Watch that Made the Dollar Famous." These watches were thick, sturdy and noisy and were wound from the back like a clock. The wages in 1892 were about 8 cents per hour, so it took some 13 hours of work to buy a Dollar Watch.

The E. N. Welch Manufacturing Co. was the next low cost production watch manufacturer. Then came the New York City Watch Co. In 1895, they produced a watch with a unique pendant crank to wind the movement. Next came the Western Clock Mfg. Co. in 1899 which later became the Westclox Corporation.

Also among the low cost production watches were the "comic character" watches. They have become prime collectibles in recent years.

About 70 percent of the watches sold in the U. S. were Dollar-type. These watches were characterized by the pin lever, non-jeweled for the most part, and with a face of paper or other inexpensive material. These watches were not easy to repair and the repairs cost more than the price of a new one. Thus they were thrown away, and today it is hard to find one in good condition.

DOLLAR WATCH CHARACTERISTICS:

1. Sold at a price that almost everyone could afford.
2. Used pin lever.
3. Were non-jeweled (except for a few) but rugged and practical.
4. Dial made of paper or other inexpensive material.
5. Case and Movement were sold as one unit.

Example of a personalized movement made by **Hamilton Watch Co.** Contains personalized engraving "J. R. Roche & Co." on movement. Note that Hamilton Watch Company's name does not appear.

PERSONALIZED WATCHES

It was common practice for some watch manufacturers to personalize pocket watches for jobbers, jewelry firms, and individuals. This was done either by engraving the movement or painting on the dial. Probably the Ball Watch Co. did more of this than any other jobber.

Each manufacturer used its own serial number system even though there may have been a variety of names on the movements and/or dials. Knowledge of this fact will aid the collector in identifying watches as well as determining age.

In order to establish the true manufacturer of the movement, one must study the construction, taking note of the shape of the balance, shape of the plates, location of jewels, etc. Compare each company in this volume until the manufacturer is located. The best place to start is by looking at the Hamilton and Illinois sections due to the fact that these two companies made most of the personalized watches.

After the correct manufacturer has been determined, the serial number can be used to determine the age. Taking the age, grade, size, and manufacturer into consideration, the approximate value can be derived by comparing similar watches from the parent company. If a jeweler's name and location are on the watch, this particular watch will command a higher price in that area.

For example, see the watch marked "J. R. Roche & Co. Eastport, Me." on the dial and movement with a serial number of 214407. First, it is determined that it is a size 18 watch. Then by comparing the movements to the Hamilton section and by the appearance of the patented regulator and the shape of the back plates over the winding barrel, we must learn that it was indeed made by Hamilton. By referring to the serial number, we determine that it is a grade 924. Finally, the value is determined by looking under the 924 grades. If you're selling in Eastport, Maine, the price for this particular watch may be higher there than anywhere else.

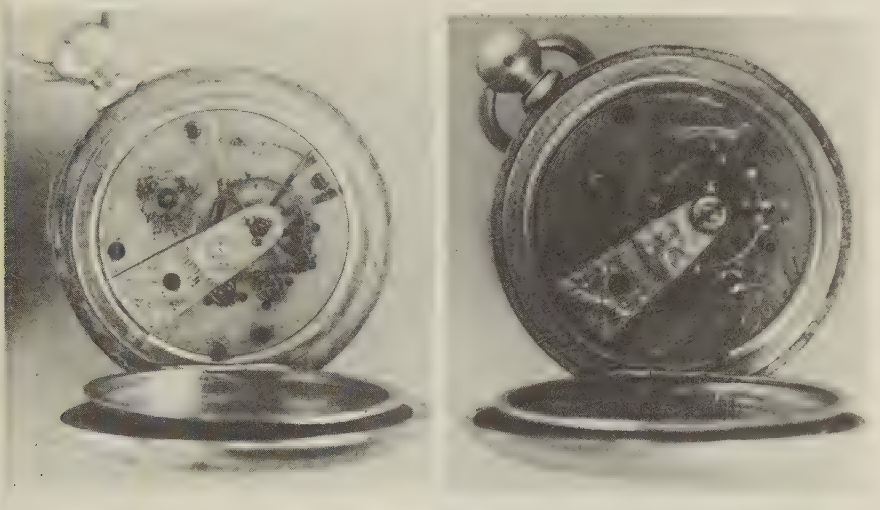
SWISS IMPORTED FAKES

Before 1871 a flood of pocket watches were made which had American-sounding names. These watches were made in foreign countries—as well as in America—and looked and sounded like high quality watches. But they were fakes of inferior quality.

These key-wind imitations of American pocket watches are a fascinating and inexpensive type watch that would make a good collection. The signatures were American-sounding and the watches closely resembled the ones they were intended to emulate. Names such as "Hampton Watch Company" might fool the casual buyer into thinking he had purchased a watch from Hampden. "Rockville Watch Co." could easily be mistaken for the American Rockford Watch Co. Initials were also used such as H. W. Co., R. W. Co., and W. W. Co., making it even harder to determine the true identity.

In 1871 Congress passed a law requiring all watches to be marked with the country of origin. The Swiss tried to get around this by printing "Swiss" on the movements so small that it was almost impossible to see. Also the word "Swiss" was printed on the top of the scroll or on a highly engraved area of the movement, making it difficult to spot.

By 1885 these Swiss imitations were of better quality and were made to resemble even more closely what was popular in America. But the Swiss fakes did not succeed and by 1900 they were no longer being sold here.



Example of a Swiss imported fake on left. Note misspelled signature P. S. Barrett and similarities to the authentic American Waltham watch 1857 Model "P. S. Bartlett," illustrated on right.

HOW TO IDENTIFY A SWISS FAKE

1. At first they were keywind and keyset; then they became stem wind, full plate, about 18 size, large jewels on the plate side, and used Roman numerals.

2. Most had American-sounding names so close to the original that it looks merely like a misspelling.

3. The material was often crudely finished with very light gilding.

4. The dial used two feet; American watches used three.

5. The balance wheel was made to look like a compensated balance, but it was not.

6. The large flat capped jewels were blue in color.

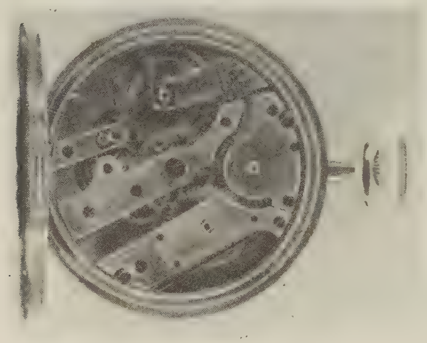
These characteristics are not present with all imported fakes. Some or none of these factors may be present. The later the date, the more closely the fake resembled the American watch.

EUROPEAN WATCHES COLLECTED IN AMERICA

Although the primary focus of this book is American pocket watches, there is much interest in some foreign watches, especially those of early vintage and enduring quality. This section deals with some of the more noted foreign manufacturers in which pocket watch collectors have an interest.

* * *

The oldest Swiss watch factory was founded by Jean-Marc Vacheron in 1755. Abraham Vacheron took over in 1785, and in 1810 it was directed by Jacques B. Vacheron. In 1819 a Francois Constantin joined the firm and the name changed to **Vacheron & Constantin**. By 1900 285,000 watches had been produced, and by 1920 the company had made about 385,000 watches.



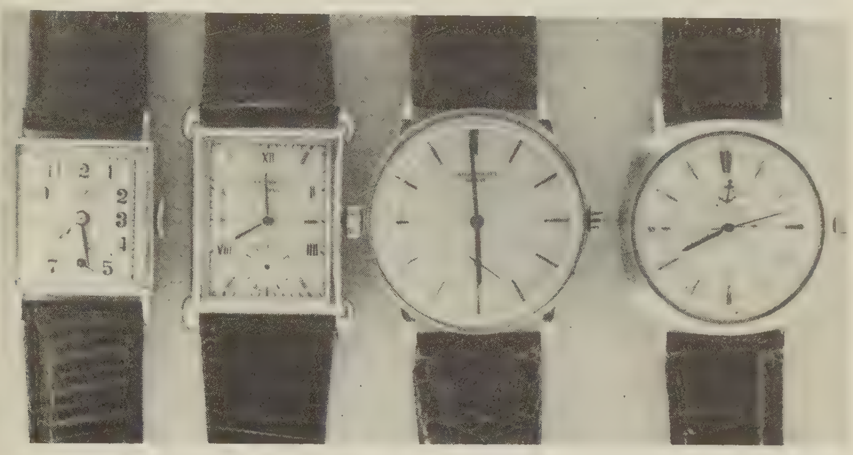
Vacheron & Constantin, about 38-39mm, 21 jewels, nickel bridge movement, wolf tooth wind, 18k case, serial number 386637.

The firm of **Jules Jurgensen** was established in Copenhagen, Denmark, by Urban Jurgensen in 1740. Jules Jurgensen opened an office at Le Locke in 1835. By 1884 they had sold 15,000 watches. This Swiss company is now located at Bienne, Switzerland.

The Jules Jurgensen watches are in a class by themselves and are considered by some to be more interesting than the watches produced by Patek Philippe. The quality of the Jurgensen watches is always very high. The stem wind watches have a distinct setting feature. The hands are set by moving the bow forward or backward and turning the stem. The collector should be aware that a considerable number of fake Jurgensens have been produced. The dial and cases are usually marked as are the movements. An original box and papers adds to the value of the watch.

Adrian Philippe, a talented French watchmaker, and Antoine N. de Patek, a Polish nobleman, became partners in 1845. Philippe, in 1844, had invented a stem wind and set mechanism which could fit into a thin-cased watch, a first in the field. This Geneva firm still makes precision and complicated watches.

Patek, Philippe & Co. watches vary greatly in their manner of complication and construction. There are many things that must be taken into consideration when valuing a Patek, Philippe & Co. watch.

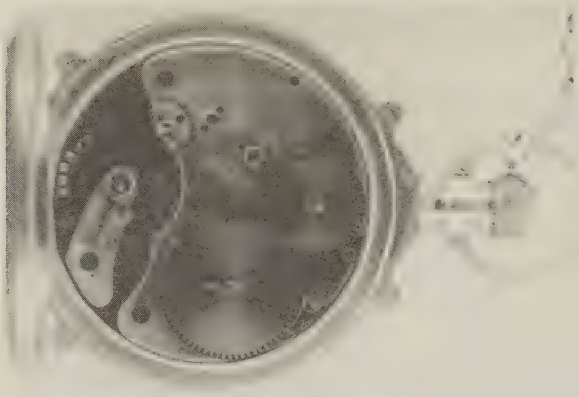


From left to right: **Jules Jurgensen**, 17 jewels, rectangular 14k case; **Patek Phillipe & Co.**, 18 jewels, rectangular movement and 18k case; **Patek Phillipe & Co.**, 39 jewels, self wind movement, 18k case; **Ulysse Nardin**, 21 jewels, self wind movement, 14k case.

Markings are particularly important. All **original** Patek, Philippe & Co. watches are signed on the dial, case, and movement. Patek also makes several qualities of movements, some more highly jeweled than others, some with additional adjustments. All of this adds or subtracts from the price and must be considered. In addition, if there is an original box and papers, the value of the watch is enhanced.

Audemars & Piguet was started by Jules Audemars and Edward Piguet in 1875. This Swiss firm makes watches of great complication and varying quality. Nickel-plated movements are somewhat more desirable than gilt movements. The number of jewels in the movement will also affect the price.

L. LeRoy & Co. was begun by Charles LeRoy in 1785 in Palais-Royal, France. From 1804 to 1828 the company was known as "LeRoy Fils;" from 1828 to 1889 as "LeRoy et Fils;" and from 1889 until present as "LeRoy et cie." The company made watches in Paris as well as Besancon, France. By 1920 this firm had made about 16,000 watches.



Adolf Lange, 49mm, jeweled through the center wheel, gold escape and pallet, gold jeweled settings, gold train, diamond end stones, 14k hunting case, serial number 9524.

A. Lange & Sohne of Glashutte, Germany, was started by Adolf F. Lange. Lange also established a school for watchmakers in 1845 which prospered and turned Glashutte into a center for watchmakers in Germany. Lange's first watches reached the market in 1847.

Julius Assman had a large contract with Adolf Lange for chronometers. After completing the order he left Glashutte to create his own business around 1850.

The most prestigious French watchmaker of all times was **Abraham Breguet**. Among his great contributions were the tourbillion, the parachute system for end stones, the studies of the balance spring, the compensating balance, and oils. This great inventor was born at Neuchatel, Switzerland, in January 1747 and died in September 1823.

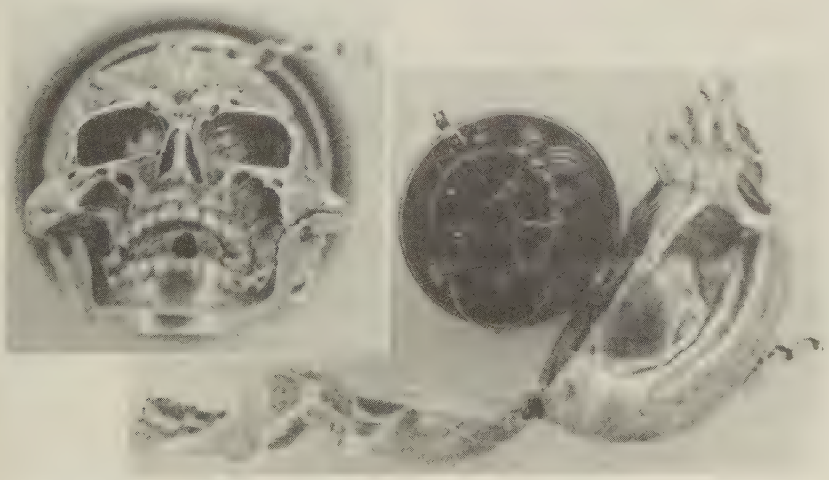
The **Nardin** family of watchmakers goes back to Leonard Nardin.

His son Ulysse Nardin was born in 1823. Ulysse started the company about 1846. His son Paul David Nardin took up the business. Paul David had three sons, Alfred, Gaston, and Ernest, who later carried on the business.

Edward John Dent, founder of **E. Dent & Co.**, joined with J. R. Arnold in 1830. The partnership was dissolved in 1840. Frederick Dent continued after E. J. Dent's death in 1853. The firm contracted the job for the Big Ben clock in London. The inscription on Big Ben reads, "This clock was made in the year of our Lord 1854 by Frederick Dent of the Strand and Royal Exchange, Clockmaker to the Queen, from the design of Edmund Beckett Denison, Q. C., fixed here 1859." The firm made intricate watches with attachments.

Charles Frodsham & Co. was founded by William Frodsham who received his training from the famous Earnshaw. A grandson of William, Charles Frodsham won a first-place prize in 1830 for one of his watches. Charles was associated with J. R. Arnold for a short while. Frodsham died in 1871.

The beautiful **Fabrique des Longines** is situated in St. Imier, Switzerland. The company was founded by Ernest Francillon in 1866. They manufacture all grades of watches.



Miniature skull form watch, 30-32mm, cylinder escapement, chain driven fussee, skeletonized movement, silver skull case. Popular in the mid-nineteenth century.

Two Swiss firms, **Omega** and **Zenith**, have produced watches of different grades. They both have mass produced watches in large quantities and have also made precision type movements. By 1920 Omega had produced about 5,000,000 watches, while Zenith had made 2,000,000.

* * *

From about 1676 to 1677 the first repeaters were made either by Edward Barlow or Daniel Quare. Each claimed to be the first. A council which was formed to investigate both watches decided in favor of Quare—the watch made by Quare had only one push piece while Barlow's had two.

A repeater sounds the time by means of bells or gongs. There are minute repeaters, five-minute repeaters, quarter-hour repeaters, half-hour repeaters, and hour repeaters. To operate the repeater mechanism a small spring is wound by pushing a slide or a push piece which supplies the power for the hammers. This saves the mainspring from being spent. One or two hammers are used to strike the gongs. The minute repeater is the more elaborate of these.

A clock watch strikes the time on the hour or half hour much as a clock would but not on command as a repeater does.

PRODUCTION TOTALS

PATEK PHILIPPE

1845	1,500
1850	4,000
1855	9,000
1860	16,000
1865	25,000
1870	35,000
1875	45,000
1880	55,000
1885	70,000
1890	85,000
1895	100,000
1900	115,000
1905	130,000
1910	170,000
1915	178,000
1920	185,000
1925	200,000

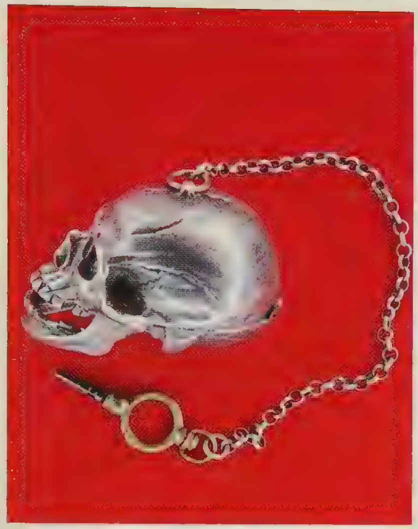
A. LANGE

1870	5,000
1875	10,000
1880	20,000
1885	25,000
1890	30,000
1895	35,000
1900	40,000
1905	50,000
1910	60,000
1915	70,000
1920	75,000
1925	80,000
1930	85,000
1935	90,000
1940	100,000

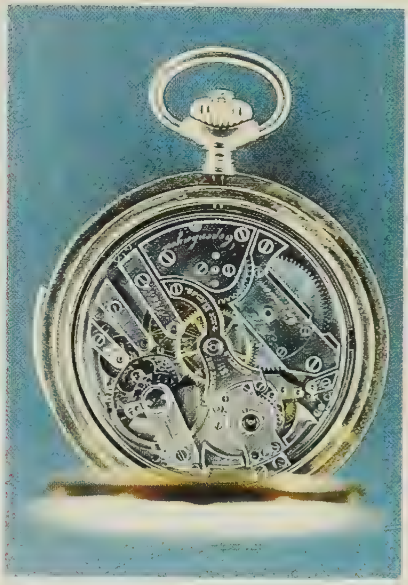
LONGINES

1870	20,000
1880	200,000
1890	600,000
1900	1,200,000
1910	2,000,000
1920	3,000,000
1930	5,000,000
1940	6,000,000

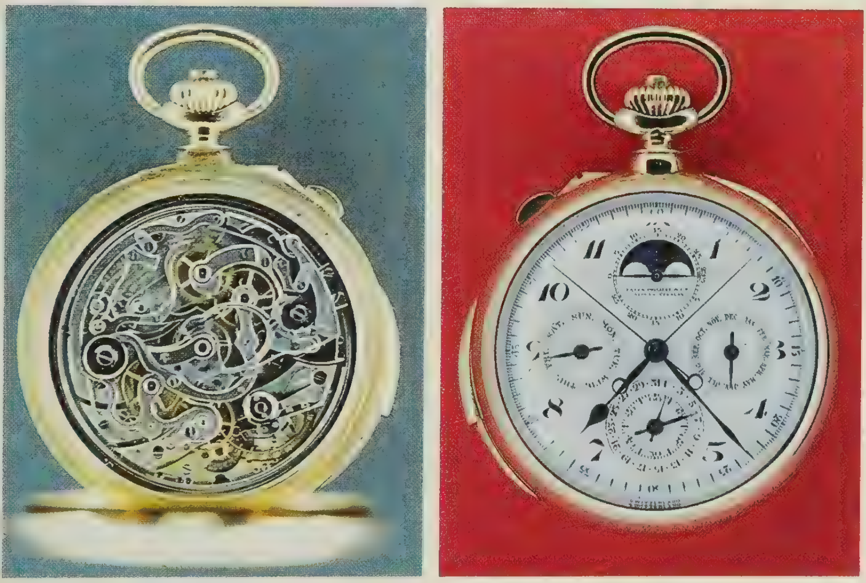
The above list is provided for determining the approximate age of your watch. Match serial number with date.



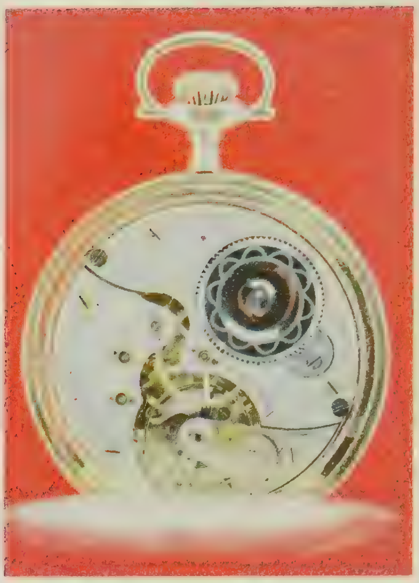
Miniaturized Skull Watch, 30-32mm, chain driven fussee, cylinder escapement, European made, c. 1850.



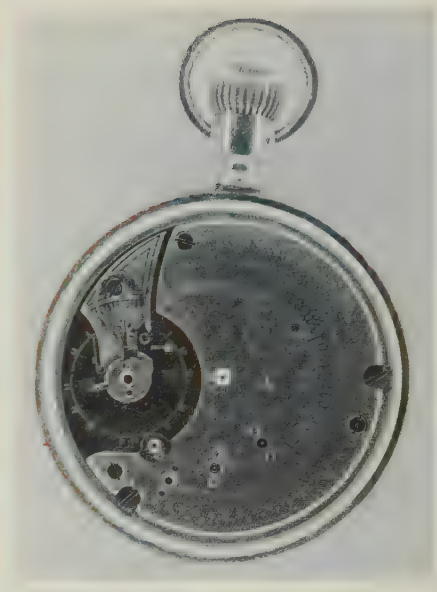
Jules Jurgensen, Chronometer, Minute Repeater, 46mm, 31 jewels, hunting case, 10 adjustments, serial number 12855, c. 1922.



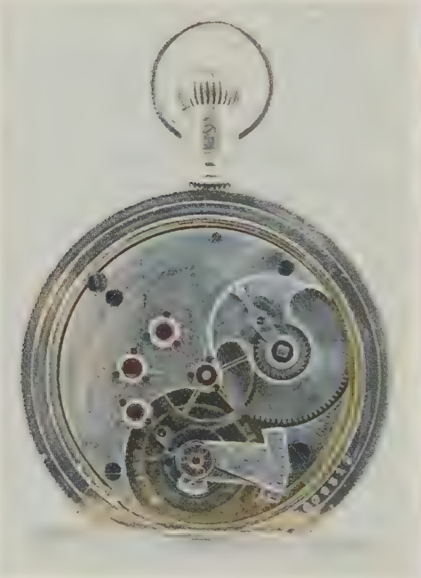
Patek Phillippe & Co., movement and dial, Minute Repeater, 41mm, 39 jewels, split second Chronograph, perpetual calendar with moon phases, open face, serial number 197714.

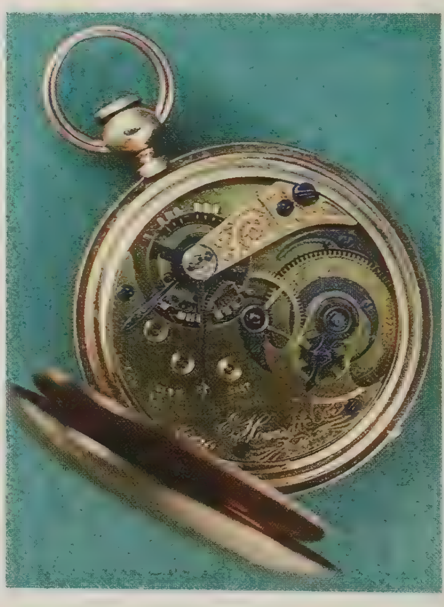


Illinois Watch Co., Adams Street, 16s, 17 jewels, gold jeweled settings, adjusted, serial number 1311911.

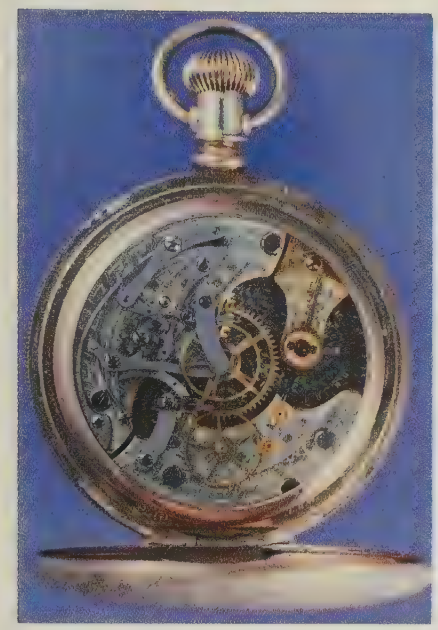


Seth Thomas, Henry Molineux, 18s, 17 jewels, gold jeweled settings, open face, serial number 54951.

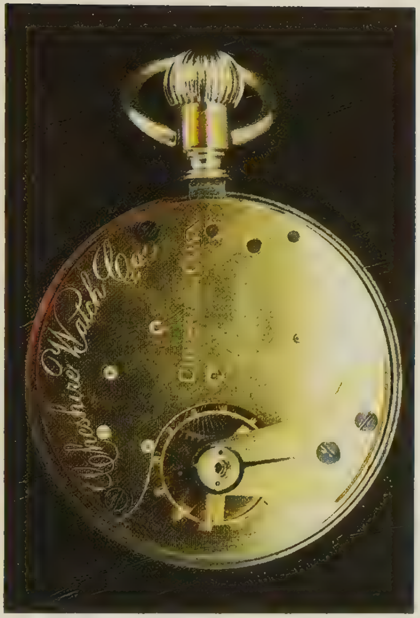




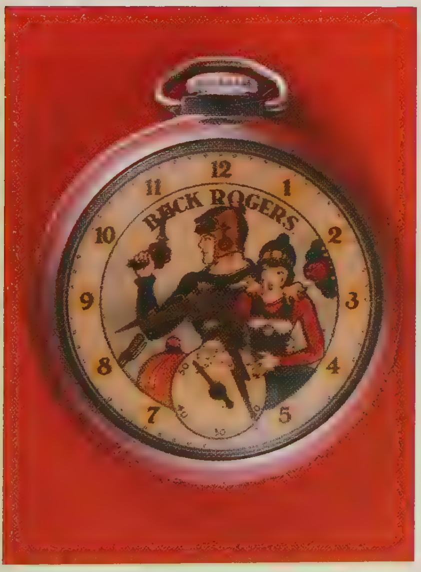
Left: **Philadelphia Watch Co.**, 16s, 17 jewels, raised gold jeweled settings, serial number 5751. Right: **E. Howard & Co.**, about 18s, 15 jewels, key wind & set, maltese cross stop works, serial number 7000, Series III. Note similarity of these two movements.



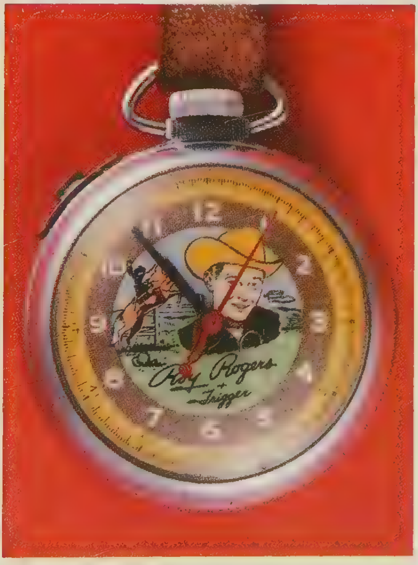
Trenton Watch Co., Chronograph, 18s, 9 jewels, third model, open face.


Cheshire Watch Co.

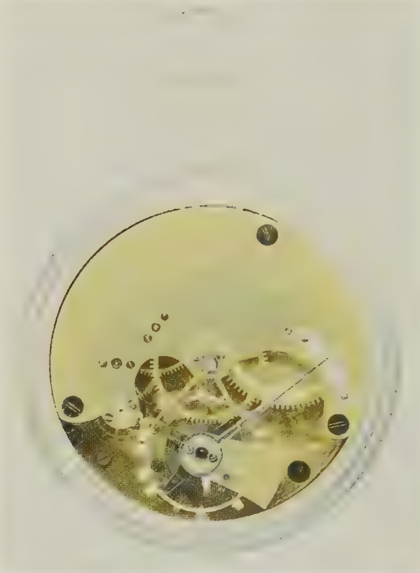
Cheshire Watch Co., 16-18s, 4 jewels, open face; note stem attached to movement, serial number 32399.


BUCK ROGERS

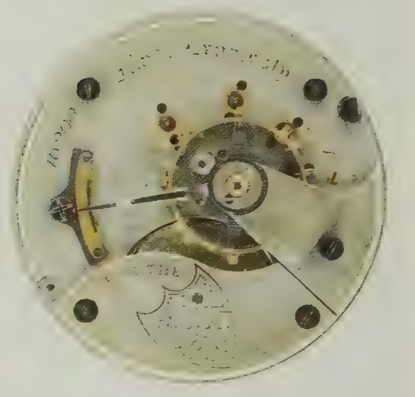
Ingraham Watch Co., Buck Rogers, c. 1938.


Roy Rogers
+
Trigger

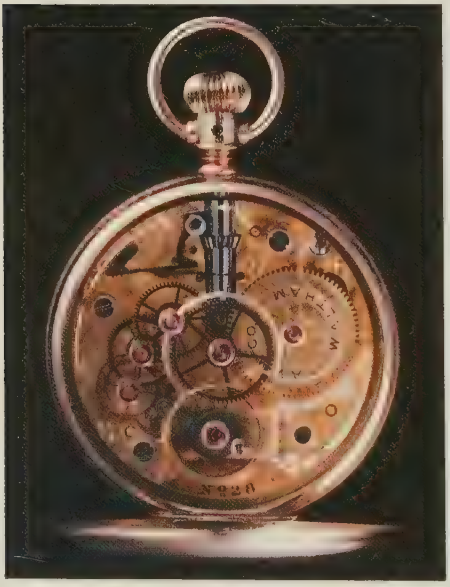
Ingersoll Watch Co., Roy Rogers & Trigger; note stop watch.



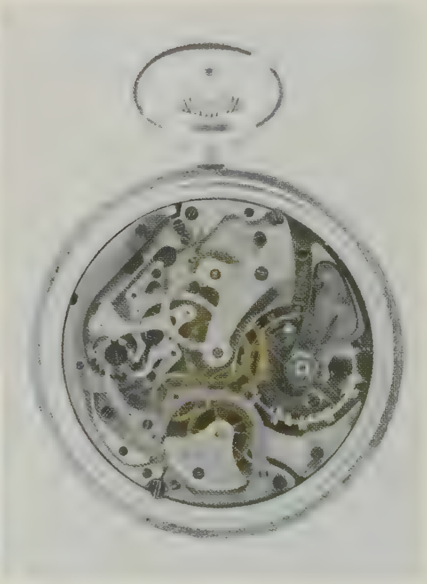
New York Watch Co., E. W. Bond, about 18s, 18 jewels, ¾ plate, believed to be finished by Hampden Watch Co., serial number B9072.



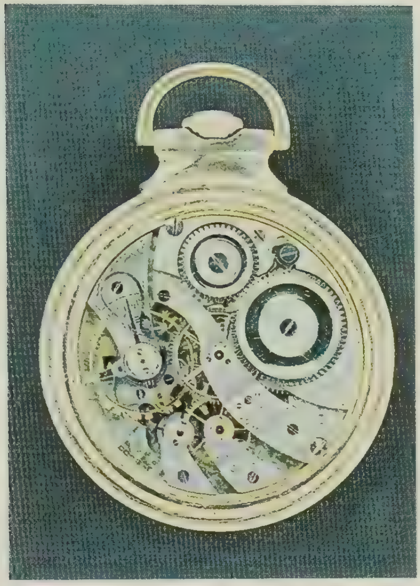
Aurora Watch Co., 18s, 15 jewels, "Made expressly for the R.J.A." marked on movement, serial number 46208.



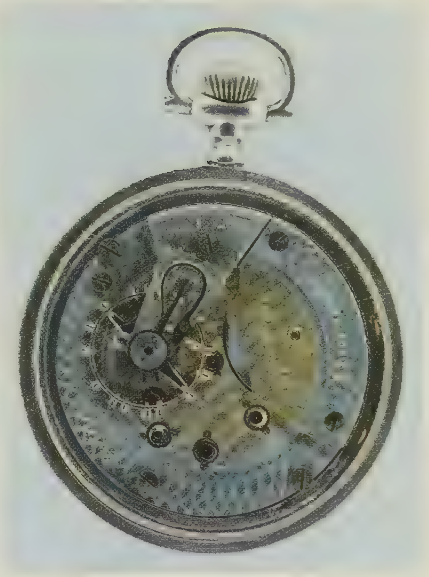
American Waltham Watch Co., Stone movement or Crystal Plates, 4s, 17 jewels, gold train, gold escape wheel; note transparent crystal plate



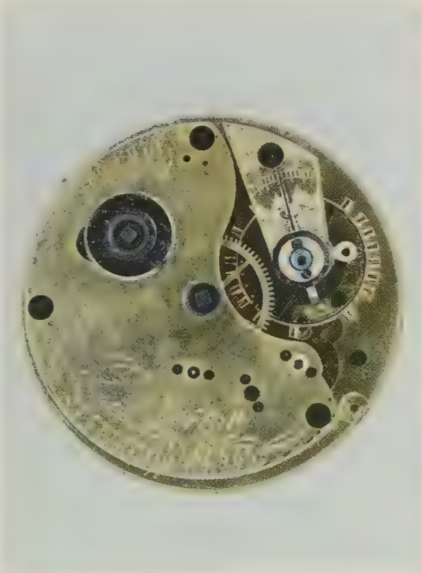
Hamilton Watch Co., Model 23, Chronograph, 16s, 19 jewels, adjusted to HCI3P, serial number P2946.



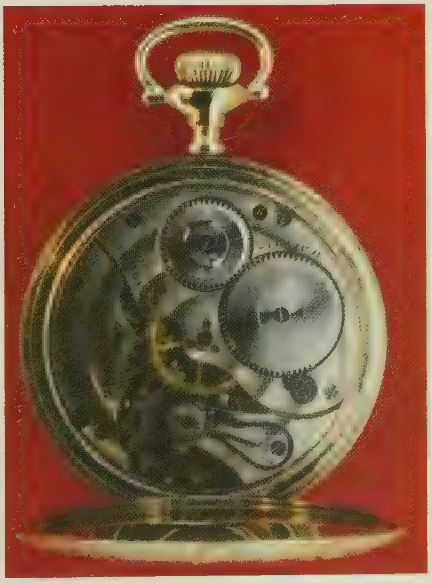
Burlington Watch Co. (Illinois Watch Co.), Bulldog, 16s, 21 jewels, open face.



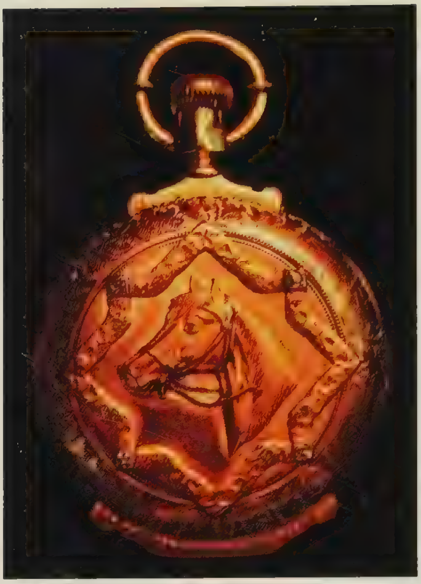
Illinois Watch Co., Inter State Chronometer, 18s, 23 jewels, 2-tone, gold jeweled settings, serial number 2336530.



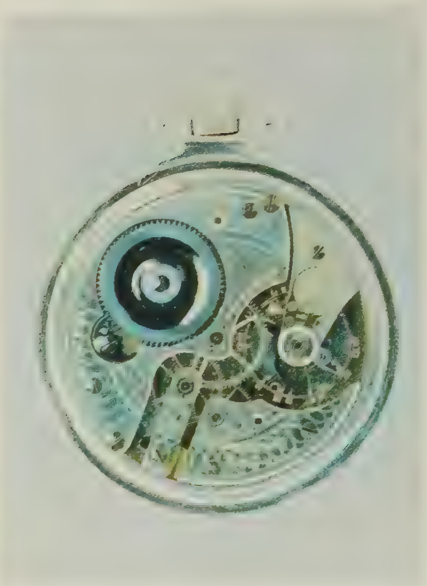
New York Watch Co., H.G. Norton, 18s, 15 jewels, ¾ plate, gold escape wheel, serial number 6592.



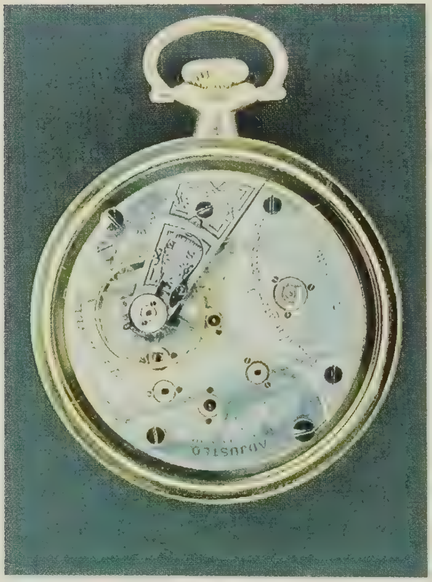
Abbott Watch Co. (Howard Watch Co.), 16s, 17 jewels, hunting case, serial number 993932.



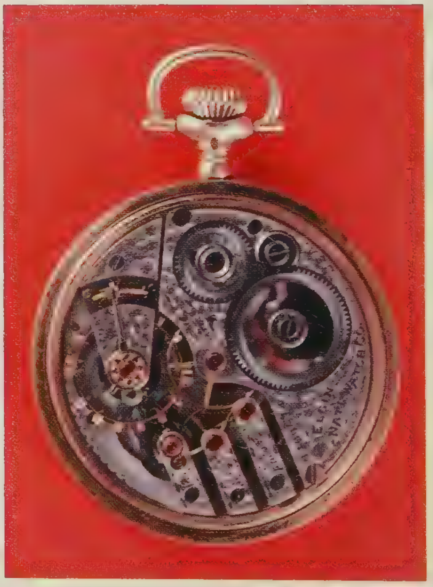
Example of a solid 14K gold box hinged case with five diamonds, 18s; note fifth diamond is horse's eye.



Illinois Watch Co., Inter State Chronometer, 16s, 23 ruby jewels, open face, adjusted, serial number 2387614.



Illinois Watch Co., Lafayette, 18s, 24 jewels, adjusted to HCI6P, double roller, serial number 3392897.



Elgin Watch Co., 16s, 21 jewels, three-fingered bridge, gold jeweled settings, gold train, serial number 6469814.

Agassiz, 43mm, 17 jewels, stem wind, jeweled through the center wheel, exposed winding wheels, 14k open face case, serial number 39863.

D. Gruen & Son, 45mm, 21 jewels, cam regulator, exposed winding gears, serial number 62378.

AGASSIZ

Size and Description	Avg	Ex-Fn	Mint
50mm, art deco, "Cartier," 1925, 19J, HCI5P	$800	$900	$1,000
43mm, 17J, nickel mvt., 14K, OF	300	375	450
43mm, 21J, nickel mvt., 18K, OF, WI, 8 day	550	600	650
40mm, ladies, HC, 18K, white enamel dial	250	300	350

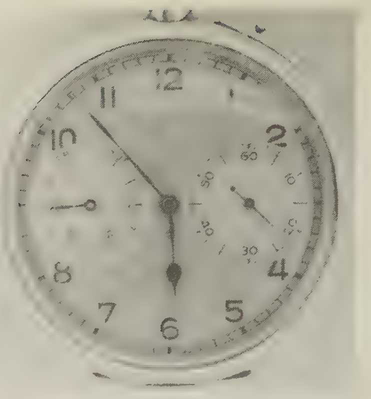
AUDEMARS & PIGUET

Size and Description	Avg	Ex-Fn	Mint
46mm, OF, min. repeater, chronograph	$3,700	$3,900	$4,200
46mm, OF, min. repeater, split chronograph	5,000	5,400	6,000
46mm, HC, min. repeater	4,500	5,000	5,500
44-45mm, OF, timepiece	400	475	600
44mm, OF, min. repeater	3,400	3,500	3,800
44mm, OF, 5-min. repeater	2,800	3,000	3,500
Wrist Watch, 18K, 18J, c. 1945, HCI5P	400	450	550

GRUEN

Size and Description	Avg	Ex-Fn	Mint
45mm, 14K, HC, by D. Gruen & Son, 21J, GJS, gold escape wheel, "Desden"	$800	$900	$1,000
44mm, 19J, "Precision," SW, LS	100	115	135
44mm, 50th Anniversary, 21J, including 2 diamonds, 18K	2,500	2,750	3,200
44mm, "Detrich Gruen," marked Extra Precision, 31J, 18K OF	2,000	2,200	2,400
38mm, 17J, pentagon case, veri thin style, YGF	75	85	95
Wrist Watch, doctor's style, YGF, 1929, 15J, "Guild"	150	200	250
Wrist Watch, ladies "Guild," 18K, with 30 diamonds	300	400	500

Gruen 'veri thin' style, 38mm, 17 jewels, nickel bridge movement, pentagonal case, serial number 539509.



A. Lange & Sohne, 52mm, wind indicator, World War II model, open face.

JULES JURGENSEN

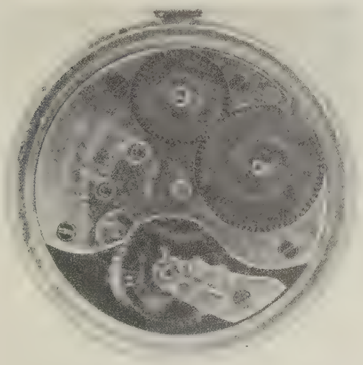
Size and Description	Avg	Ex-Fn	Mint
55mm, OF, detent chronometer, KW	$2,800	$3,100	$3,500
55mm, OF, detent chronometer, SW	4,500	5,000	5,500
55mm, HC, detent chronometer, SW	6,000	6,500	7,000
50mm, OF, timepiece, enamel dial	1,900	2,000	2,300
49mm, ¼ repeater, c. 1880, nickel lever mvt., gold train	2,600	2,800	3,000
48mm, pump wind, duplex, c. 1860, KS, enamel dial	1,200	1,300	1,400
46mm, OF, min. repeater, chronograph	6,500	7,000	7,500
46mm, OF, min. repeater, split chrono.	8,500	8,800	9,300
46mm, HC, min. repeater	6,500	7,000	7,500
46mm, HC, min. repeater, chronograph	7,500	8,000	8,500
46mm, HC, min. repeater, split chronograph, register	12,000	13,000	14,000
46mm, OF, chronograph, timepiece	2,200	2,400	2,600
46mm, OF, split chronograph, timepiece	2,500	2,700	3,000
46mm, HC, chronograph, timepiece	2,400	2,550	2,800
46mm, HC, split chronograph, timepiece	3,000	3,200	3,500
45mm, OF, timepiece, enamel dial	1,600	1,700	1,800
45mm, HC, timepiece, enamel dial	2,200	2,300	2,500
45mm, OF, KW, timepiece, enamel dial	750	800	950
45mm, OF, min. repeater, enamel dial	5,000	5,500	6,000
44mm, OF, 5-min. repeater	3,500	4,000	4,500
40mm, OF, timepiece, enamel dial	1,100	1,200	1,300
40mm, HC, timepiece, enamel dial	1,400	1,500	1,700
Wrist Watch, 14K, 17J, rectangular case	150	175	200

A. LANGE

Size and Description	Avg	Ex-Fn	Mint
55mm, min. repeater, 18K, HC, jeweled thru hammers, GJS, GT, gold escape and pallet	$16,000	$18,000	$20,000

A. LANGE (continued)

Size and Description	Avg	Ex-Fn	Mint
53mm, 18K case, c. 1885, GJS, GT, DES, gold pallet and escape wheel	1,700	1,800	1,900
52mm, World War II model, WI, OF	1,350	1,450	1,550
49mm, 18K case, 17J, GJS, GT, gold escape wheel & pallet, c. 1914	1,200	1,400	1,600
49mm, 18K case, HC, gild mvt., 17J, GJS, DES, gold lever and escape wheel	1,600	1,700	1,800
48mm, ¾ plate, Deutsche Uhren Fabrikation	300	350	400
Wrist Watch, World War II pilot's watch, black dial	400	450	500



A. Lange & Sohne, 48-49mm, press jeweled through the center wheel, Deutsche Uhren Fabrikation, serial number 36464.

Longines, 44mm, 21 jewels, US Army AC, adjusted to temperature and 5 positions, World War II model, serial number 5939626.

LONGINES

Size and Description	Avg	Ex-Fn	Mint
59mm, 18K, OF, min. repeater, chronograph, calendar & moon phases	$3,000	$3,400	$3,800
54mm, OF, 18K, chronograph, 2 registers	1,000	1,100	1,200
50mm, chronograph with register, nickel mvt.	150	175	185
46mm, 21J, "Express Monarch," R.R. approved, HCI5P	165	175	195
46mm, rectangular case, 30 small diamonds on case, 15J	700	750	800
44mm, 15J, 3 ADJ, 8 day, WI	275	325	375
44mm, "U. S. Army," sweep sec. hand, WI, HCI5P	275	325	375
26mm, ladies pendant, 18K, OF, enamel & diamonds	600	700	800
Wrist Watch, "Lindberg" (the inventor of the mvt.), 17J	1,200	1,400	1,600
Wrist Watch, ladies, 18K, c. 1925	200	250	300

ULYSSE NARDIN

Size and Description	Avg	Ex-Fn	Mint
Chronometer with mahogany box, detent mvt., silver dial	$800	$900	$1,000
50mm, 15J, made for Corps of Engineers, U.S.A., WWI	175	185	195
Wrist Watch, 18K, 19J, chronograph, 2 registers, c. 1910	550	650	750

Ulysse Nardin, 50mm, 15 jewels, made for Corps. of Engineers, USA, World War I, serial number 691527-H6.

Size and Description	Avg	Ex-Fn	Mint
Wrist Watch, 14K, chronograph, 2 registers, tachymeter, c. 1910	400	450	500
Wrist Watch, 18K, 31J, chronograph, calendar & moon phases	1,200	1,400	1,600
Wrist Watch, c. 1938, chronograph, 18K, nickel mvt., bimetal balance	300	400	500
Wrist Watch, chronograph, pulse meter, 2 registers, 18K	800	900	1,000
Wrist Watch, self wind, chronograph, calendar & moon phases, 18K	1,300	1,500	1,700
Wrist Watch, 14K, 21J, self wind, round case	250	275	300

PATEK, PHILIPPE & CO.

Size and Description	Avg	Ex-Fn	Mint
55mm, astronomic, perpetual calendar, min. repeater, 1897, white enamel dial, 3 registers, split sec. chronograph, moon phases, 38J, slide repeat, original box and papers	$50,000	$55,000	$60,000
54mm, split sec. chronograph, 14K, OF	1,600	1,800	2,000
52mm, split sec. chronograph, 18K, OF, Tiffany & Co.	1,800	2,000	2,200
51mm, 18K, HC, gilt, lever mvt.	1,000	1,100	1,200
48mm, 18K, HC, nickel mvt.	1,100	1,200	1,400
48mm, early chronograph, fly back sec. hand, 18K, OF, wolf tooth wind	2,000	2,200	2,400
46mm, OF, timepiece, enamel dial	900	1,000	1,100
46mm, two train, min. repeater, Tiffany & Co.	12,000	14,000	16,000
46mm, "Gondolo," OF, timepiece, enamel dial	1,300	1,400	1,600
46mm, 18K, OF, 18J, HCI5P, cam regulator	600	700	800
46mm, HC, min. repeater, split chronograph, registers	12,000	13,000	14,000
46mm, HC, min. repeater, split chronograph, perpetual calendar	36,000	40,000	45,000
45mm, 18J, 18K, OF, Tiffany & Co.	800	900	1,100
45mm, 18K, HC, 1860, SW & set, wolf tooth wind	1,250	1,375	1,500
45mm, OF, split chronograph, timepiece, register	2,600	2,700	2,880

PATEK, PHILIPPE & CO. (continued)

Size and Description	Avg	Ex-Fn	Mint
45mm, OF, perpetual calendar, timepiece, metal dial	6,000	6,500	7,000
45mm, OF, perpetual calendar, timepiece, enamel dial	7,500	8,000	8,500
45mm, OF, timepiece, gilt dial	500	600	750
45mm, HC, min. repeater, chronograph	8,000	8,500	9,000
45mm, HC, chronograph, timepiece, register	2,200	2,500	2,800
45mm, HC, split chronograph, timepiece, register	3,000	3,200	3,400
45mm, HC, min. repeater, split chronograph, perpetual calendar, register + moon phases	55,000	57,000	60,000
44mm, OF, timepiece, gilt, dial	450	500	600
44mm, OF, timepiece, enamel dial	550	600	700
44mm, HC, min. repeater	6,000	6,500	7,000
44mm, OF, 5 min. repeater	3,000	3,200	3,600
44mm, OF, 5 min. repeater, chronograph	4,500	4,700	5,000
44mm, OF, min. repeater	4,200	4,300	4,600
44mm, OF, min. repeater, chronograph	6,500	6,800	7,200
44mm, OF, min. repeater, split chrono., register	7,600	7,900	8,500
42mm, 14K, OF, chronometer on dial	500	600	700
39mm, 18J, wolf tooth wind, 14K, OF, BRG, nickel mvt.	875	975	1,100
38mm, "Gondolo," OF, timepiece, enamel dial	900	1,000	1,200

Patek Philippe & Co., 38-39mm, 18 jewels, deco bridge movement, eight adjustments, 18k open face case, serial number 196051.

Patek Philippe & Co., 38-39mm, 18 jewels, nickel bridge movement, wolf tooth wind, cam regulator, serial number 124348.

Size and Description	Avg	Ex-Fn	Mint
32mm, 18K, HC, early bridge mvt., Tiffany & Co.	400	500	600
30mm, ladies lapel watch, 18K, gold & enamel + diamonds	2,000	2,250	2,500
29mm, ladies, 18K, OF	500	550	600
26mm, ladies, 18K, OF, gold, seed pearls & enamel, lapel watch	2,500	3,000	3,500
Wrist Watch, 18K case, 18J, 14K bracelet	1,000	1,100	1,200
Wrist Watch, 18K case, nickel movement	600	700	800
Wrist Watch, ladies, with diamond on case, 17J, 18K band	700	800	900
Wrist Watch, 18K case, 18J, free sprung, round lever mvt.	800	900	1,000
Wrist Watch, sweep sec., 18K, 1940, round mvt.	600	700	800
Wrist Watch, rectangular mvt., 1945, 18K, 18J, HCI5P	1,100	1,200	1,300
Wrist Watch, ladies, 1940, 18J, 18K, HCI5P	300	375	450
Wrist Watch, ladies, 18K, nickel mvt., white enamel dial	300	375	450

Size and Description	Avg	Ex-Fn	Mint
Wrist Watch, 18K, 23J, HCI5P, 2 registers & tachymeter, all original	2,000	2,500	3,000
Wrist Watch, 18K, 18J, HCI5P, Gyromax balance, black dial	800	900	1,000
Wrist Watch, 18K, 18J, HCI5P, Gyromax balance, silver dial	700	800	900
Wrist Watch, 18K, 1900, lever mvt., bi-metal balance, silver dial	400	475	550
Wrist Watch, 1951, 23J, HCI5P, 2 registers, pulse meter, 18K	2,000	2,500	3,000
Wrist Watch, 18K, self wind, 30J, Gyromax balance, 18K strap	1,800	2,000	2,200
Wrist Watch, 18K, rectangular case, round mvt., lever	1,000	1,200	1,400
Wrist Watch, rectangular case, elongated octagonal mvt., 18J, 18K	1,100	1,200	1,300
Wrist Watch, 18K, 23J, round case & mvt., self wind	1,150	1,250	1,400
Wrist Watch, "Eclipse," 1967, 18K, Gyromax balance, 18J, gold strap	3,000	3,200	3,500
Wrist Watch, stainless steel, 1940, nickel lever mvt.	200	300	400
Wrist Watch, 18K, self wind, perpetual calendar, moon phases, 1972, 37J, Gyromax balance, free sprung, HCI5P, cal. 27-46Q, windows for day of the week	6,000	7,000	8,000
Wrist Watch, 18K, perpetual calendar, chronograph, moon phases, tachymeter, 2 registers, 23J, 1965, Gyromax bal.	8,000	9,000	10,000
Wrist Watch, 18K, skeletonized, Gyromax balance, free sprung, sapphire set crown	4,500	5,000	5,500

Rolex, 42-43mm, 17 jewels, three adjustments, cam regulator, exposed winding gears.

ROLEX

Size and Description	Avg	Ex-Fn	Mint
43mm, 14K, OF, 3 ADJ, cam regulator	$500	$600	$700
Wrist Watch, self wind, oyster, perpetual calendar & moon phases, 2 windows for day & month under 12 O'Clock, outer ring date of month, stars for time numbers, 18K President bracelet, with box	4,500	5,500	6,500

ROLEX (continued)

Size and Description	Avg	Ex-Fn	Mint
Wrist Watch, President Rolex, 8 diamonds on dial for numbers, President 18K bracelet, oyster perpetual, date window & aperture for days of week below 12 O'Clock, diamond studded bezel	4,000	4,500	5,000
Wrist Watch, same as above, no diamonds on case or dial	2,800	3,000	3,200
Wrist Watch, gold & stainless band, 3 diamonds on dial, sweep sec., self wind, oyster perpetual, chronometer, window for date, 18K President bracelet	1,300	1,400	1,500
Wrist Watch, self wind, oyster perpetual, chronometer, 14K	550	600	650
Wrist Watch, self wind, sweep sec. hand, oyster chronometer, 18K	600	700	800
Wrist Watch, square, chronometer, tachymeter, 2 registers, GT, 18K	800	900	1,000
Wrist Watch, stainless steel, sweep sec., oyster, 2-Tone bracelet	350	400	500
Wrist Watch, "Prince," 2-Tone, rectangular case, 17J, HCI6P	550	600	650

TOUCHON & CO.

Size and Description	Avg	Ex-Fn	Mint
47mm, min. repeater, thin model, 18K, OF, c. 1925, 29J, HCI5P	$2,800	$3,000	$3,200
46mm, min. repeater, 18K, OF, jeweled thru hammers, wolf tooth wind	1,800	2,000	2,200
45mm, 23J, min. repeater	1,800	2,000	2,200
Wrist Watch, 18K gold & enamel case, c. 1940, sold by Cartier	2,300	2,400	2,500
Wrist Watch, 18K, 17J, digital, hour jump, min. rotates, c. 1930, rectangular case	1,000	1,100	1,200

UNIVERSAL

Size and Description	Avg	Ex-Fn	Mint
Wrist Watch, Tri-Compax, 18K, 17J, chronograph, calendar, 4 registers, moon phases	$800	$900	$1,050
Wrist Watch, Tri-Compax, 14K, 17J, chronograph, calendar, 4 registers, moon phases	800	900	1,000
Wrist Watch, calendar & moon phases, 3 registers	600	700	800
Wrist Watch, self wind, calendar, 14K, waterproof	400	450	500

VACHERON & CONSTANTIN

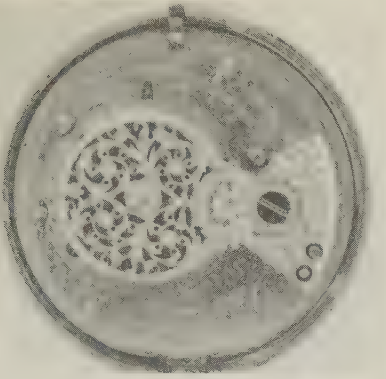
Size and Description	Avg	Ex-Fn	Mint
59mm, chronometer, with silver case, c. 1920	$500	$600	$700

Vacheron & Constantin, 40mm, 29 jewels, minute repeater, slide repeat, wolf tooth wind, 18k open face, serial number 340949.

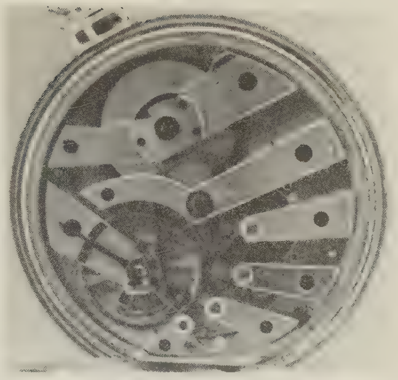
Size and Description	Avg	Ex-Fn	Mint
55mm, min. repeater, 18K, OF, ultra high grade, nickel mvt.	4,500	5,000	5,500
51mm, 14K, HC, nickel mvt., c. 1890	650	750	850
50mm, min. repeater, chronograph mvt., 18K, OF, gilt	3,500	4,000	4,500
47mm, 14K, OF, c. 1900, nickel mvt.	600	700	800
43mm, 18K, OF, c. 1920, nickel lever mvt., HCI5P	700	800	900
42mm, 14K, OF, 17J, HCI5P, c. 1915	475	575	675
41mm case size, 24mm mvt. size, skeletonized, c. 1930, 18J	1,300	1,400	1,500
40mm, 21J, NI, BRG, wolf tooth wind, 18K, OF	590	650	725
40mm, 19J, high quality mvt.	350	400	450
40mm, min. repeater, slide repeat, jeweled thru hammers	3,000	3,250	3,500
Wrist Watch, with sweep sec. hand, 18K, 17J	500	550	600
Wrist Watch, 17J, 18K, rectangular case, octagonal mvt.	800	900	1,000
Wrist Watch, 18K, rectangular, circular mvt.	700	800	900
Wrist Watch, "Royal," waterproof, stop/start chronometer	900	1,000	1,100
Wrist Watch, 18K, waterproof, sweep sec., c. 1950	450	500	550
Wrist Watch, c. 1950, 17J, HCI5P	450	500	550

MISC. ENGLISH

Size and Description	Avg	Ex-Fn	Mint
172mm, 4 train, coach watch with alarm, c. 1770, by Schmidt	$1,600	$1,800	$2,000
70mm, silver & horn triple cased, for Turkish market, by G. Charles, c. 1810, verge, & pierced cock, enamel dial	600	700	800
60mm, pair cased, silver c. 1800, hand painted battle scene on dial	500	550	600
60mm, ¼ repeater, pair cased, push repeat, pierced cock, 18K	1,600	1,800	2,000
60mm, pair cased, by Richard Vick, c. 1700, champleve dial	1,200	1,300	1,400
56mm, by Robert Roskell, pair cased, 18K, full plate, dust cover	1,300	1,400	1,500
55mm, min. repeater, by Charles Frodsham, 18K, demi-hunter, fully jeweled, diamond end stones	4,500	5,000	5,500
55mm, min. repeater, by John Barwise, jeweled thru hammers	5,000	5,500	6,000

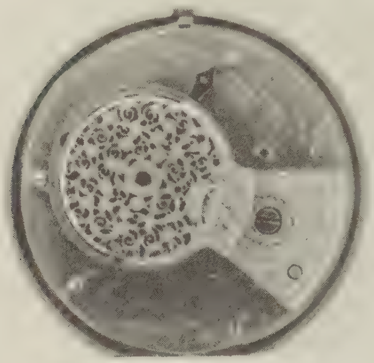


Wm. Hopetown, 48mm, chain driven fussee, verge escapement, dust cover, c. 1842, made in London, pair case, serial number 3865.

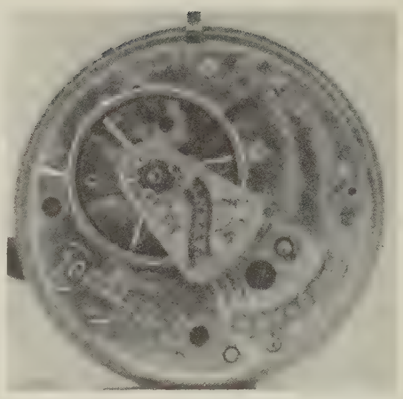


Cooper, 48mm, bar detached lever movement, key wind & set, parachute system at end stone, 18k open face, serial number 6631.

Size and Description	Avg	Ex-Fn	Mint
55mm, Karussel, ¾ plate mvt., by T. A. Pimblett, 18K, OF, c. 1920	4,000	4,500	5,000
54mm, min. repeater, by H. C. Boddington, 18K, ¾ plate	3,000	3,400	3,800
52mm, min. repeater, 18K, HC, by H. C. Boddington, c. 1877	2,000	2,300	2,650
52mm, full plate, 14K, HC, by Johnson	600	700	800
52mm, c. 1828, duplex with trapezoidal weights, KW, KS, deck box	1,400	1,600	1,800
52mm, c. 1872, deck watch with a resilient lever & free sprung	1,200	1,300	1,400
52mm, by Arnold & Dent, chronometer, fusee, KW, KS, OF, silver	1,200	1,300	1,400
52mm, demi-hunter, by Robert Roskell, resilient lever	900	1,000	1,100
52mm, gold & enamel + pearls, by John Page, c. 1800, cylinder	2,500	2,800	3,100
51mm, by Dent, OF, lever movement	350	450	550
50mm, c. 1872, WI, with resilient banking, KW, KS, 18K, HC	1,300	1,400	1,500
50mm, min. repeater, chronograph, by Dent, c. 1885, cased by Nicole Nielsen	6,000	7,000	8,000
50mm, by William Jones, pierced cock, chain driven fusee, c. 1842, pair cased	200	225	250
50mm, ¼ repeater, pair cased, silver, with repousse scene	1,000	1,100	1,200
50mm, ¼ repeater, silver & enamel, by Weill & Harburg, c. 1886	600	700	900
50mm, silver pair cased, by J. A. Freeman, c. 1790, verge, pierced cock	500	600	700
50mm, gold & enamel + pearls, by John Page, c. 1800, cylinder	2,000	2,400	2,800
50mm, gold & gems, set in OF watch, by James McCabe, c. 1820, cylinder, pierced cock, DES, gold dial, 18K, diamond on back	2,800	3,200	3,600
50mm, ruby duplex, min. repeater, by J. R. Lund, 18K, OF, 4 color gold	4,000	4,500	5,000



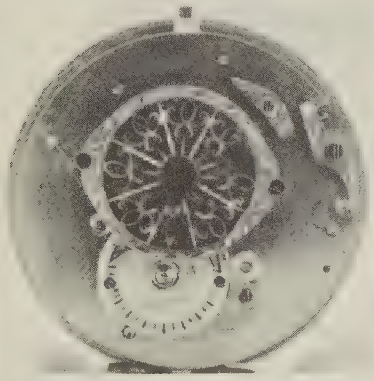
William Jones, 50mm, pierced cock, chain driven fussee, made in London, c. 1842, serial number 283.



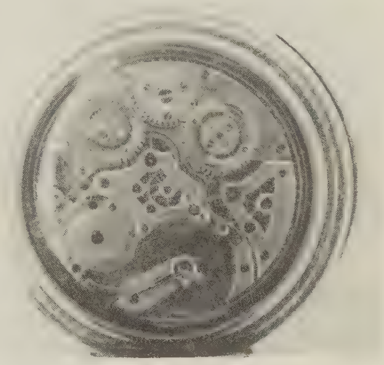
M. I. Tobias & Co., 48mm, diamond end stone, dust cover, key wind & set, made in Liverpool, c. 1850, serial number 12797.

Size and Description	Avg	Ex-Fn	Mint
50mm, by Robert Gellatly, of Edinburgh, 18K, OF, free sprung, c. 1870	1,400	1,600	1,800
50mm, ¼ repeater, 18K, OF, by John Barwise, c. 1830, ¾ plate	1,800	2,000	2,200
48mm, pair cased, repousee, by Robert Allan, c. 1760	2,200	2,400	2,600
48mm, bar movement, by Cooper, KW, KS, 18K, OF, with parachute	625	675	725
48mm, pair case, verge, fusee, pierced cock, silver	175	200	225
48mm, by M. I. Tobias & Co., Liverpool, lever, fusee, KW, KS, 18K, OF	1,500	1,650	1,800
48mm, by William Hopetown, London, silver pair case, chain driven, fusee, verge	150	175	250
48mm, 18K, OF, c. 1896, ¾ plate, GJS	600	700	800
47mm, pair cased, by Benjamin Lamb, verge, pierced cock	400	500	600
46mm, KW, KS, c. 1865, by McPherson, lever gilt mvt., silver case	55	65	75
46mm, KW, KS, fusee, dust cover, pinned plates	75	85	95
46mm, KW, KS, fusee, dust cover, Scotland	85	100	115
46mm, 14K case, by Hallifax, c. 1784, verge, pierced cock	1,200	1,400	1,600
45mm, KW, KS, c. 1865, dust cover, lever, gilt	45	55	65
45mm, KW, KS, c. 1880, fusee, dust cover, HC	65	75	85
45mm, repousse, with fancy matching chain, by Grantham, c. 1750, pierced cock	3,000	3,500	4,000
44mm, KW, KS, silver case, lever movement	45	55	65
44mm, fusee, lever, KW, KS, 18K, OF	550	600	650
44mm, repousse, 18K, by Williamson, pierced cock, enamel dial	1,400	1,600	1,800
23mm, small triple case, 18K & enamel, for Turkish market, by Edward Prior, c. 1815, pierced cock, translucent pink enamel	2,500	3,200	3,600

Size and Description	Avg	Ex-Fn	Mint
58mm, min. repeater, perpetual calendar, moon phases, 18K, HC	$10,000	$12,000	$14,000
53mm, virgule escapement, by L'Epine the inventor, c. 1780	1,500	1,600	1,700
50mm, ¼ repeater, by L'Epine, parachute, cylinder escape, gold & enamel	1,500	1,600	1,700
50mm, min. repeater, by LeRoy & Co., 49J, 2 train, jump center sweep	4,000	4,400	5,000
50mm, by Breguet, c. 1790, verge, gold & enamel, beetle & poker hands	2,400	2,800	3,200
50mm, pair case in silver, verge, fusee, chain driven	225	250	300
47mm, by La Cloche, ultra thin, 18K, OF, gilt movement	400	500	550
45mm, 14K multi-color enamel case, by Berthound	2,000	2,250	2,500
45mm, gold champleve enamel, by LeRoy, c. 1840, cylinder escapement	1,800	1,900	2,000
44mm, by Breguet (maybe by Audemars), 18K, OF, digital, 19J, c. 1925	2,200	2,400	2,600
44mm, by Robin, gold enamel portrait, parachute suspension, KW, KS	3,000	3,500	4,000



French made movement, 50mm, chain driven fussee, verge escapement, note hand pierce cock attached on both sides.



LeRoy & Co., 50mm, 49 jewels, minute repeater, jump center sweep, two train, exposed winding wheels, 18k hunting case.

Size and Description	Avg	Ex-Fn	Mint
41mm, ¼ repeater, c. 1820, cylinder escapement, KW, KS, silver	800	900	1,000
41mm, by Romilly, multi-color case, verge, pierced cock, KW, KS, 14K, OF	1,200	1,400	1,600
40mm, 3 colors gold, c. 1760, verge, portrait of lady, diamonds	2,100	2,200	2,300
40mm, 3 colors of gold + diamonds, ¼ repeater, by Mallet, c. 1700	4,000	4,250	4,500
39mm, pair cased, by Fres. Esquivillions, porcelain on back	1,400	1,500	1,600
38mm, gold & champleve enamel, by A. Verdiere, c. 1830, cylinder	1,700	1,800	1,900
36mm, ¼ repeater, ladies, by LeRoy et Fils, OF	2,000	2,100	2,200

MISC. FRENCH (continued)

Size and Description	Avg	Ex-Fn	Mint
32mm, gold enamel, "acorn form," by Ch. Dudin, Palais Royal, c. 1880, cylinder	1,350	1,450	1,550
32mm, ¼ repeater, 18K, lever mvt., slide to repeat	1,400	1,500	1,600
29mm, gold & enamel with pearls, by Bouvier, c. 1810, verge movement	1,600	1,700	1,800

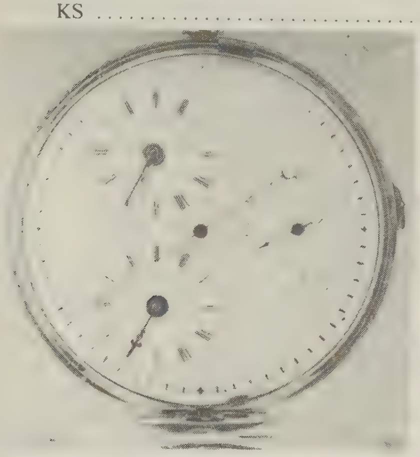
H.R. Ekegren, 55mm, jeweled through the hammers, minute repeater, patented 1867.

Le Coultre & Co., 55mm, 31 jewels, day, date, month and moon phases, 18k hunting case, minute repeater.

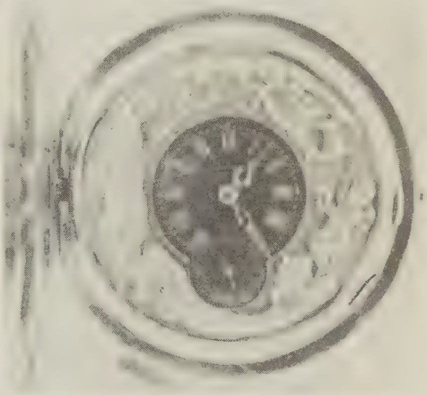
MISC. SWISS

Size and Description	Avg	Ex-Fn	Mint
62mm, min. repeater, calendar & moon phases, split sec., chronograph, 30 min. register, GJS, 18K, HC	$5,000	$5,500	$6,000
60mm, heavy 14K HC, spring detent, by Ulysse Breying, c. 1880, nickel mvt., gold train & escape wheel	2,000	2,200	2,500
57mm, by Le Coultre, min. repeater, 32J, 14K, HC, slide repeat	3,000	3,200	3,400
56mm, ¼ repeater, chronograph, by R. Picard, 18K	1,200	1,400	1,600
55mm, min. repeater, by H. R. Ekegren, fully jeweled, 18K, OF, SW, LS	3,500	4,000	4,500
55mm, min. repeater, by Paul Henri Mathey, 18K, HC, gold train	2,000	2,500	3,000
55mm, detent, chronometer, by Emile Perret, KW, KS, 18K, HC, nickel mvt.	1,600	1,700	1,800
55mm, grand sonnerie, carilon 3 chimes, on quarter, two train, min. repeater, 40J, push to repeat, 18K, HC	8,000	8,500	9,000
55mm, grand & petite sonnerie, min. repeater, with two trains, signed Marcks & Co., ultra high grade, jeweled thru the hammers, exposed winding wheels	15,000	16,000	17,500
55mm, min. repeater, by Le Coultre & Co., day date month and moon phases, 18K, HC, 31J	4,500	5,250	6,000
54mm, min. repeater, by Le Coultre & Co., gilt, lever, 14K, HC	1,800	2,000	2,200

Size and Description	Avg	Ex-Fn	Mint
54mm, by Piguet & Meylan, ¼ musical repeater, c. 1815, 18K	4,000	4,500	5,000
54mm, min. repeater, 18K, HC, chronograph with calendar and moon phases	2,500	2,800	3,000
54mm, automated min. repeater, Father & Baby Time, 18K, HC	4,200	4,450	4,650
53mm, 35J, min. repeater, 1900, 18K, HC, "Zenith"	1,300	1,400	1,500
53mm, two train clock watch, repeater, by Bourguin Le Jeune, c. 1800	2,300	2,400	2,500
52mm, Time Zone or Captain's watch, KW, KS, 18K, HC	600	650	695
52mm, by L'Epine, c. 1869, OF, cylinder escapement, KW, KS	400	450	500

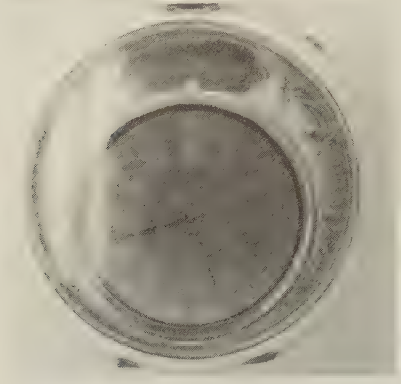


Time Zone or Captain's Watch, 52mm, key wind & set, note separate registers for two time zones, 18k hunting case.



Father & Baby Time, automated minute repeater, 54mm, note animated bell striking by father and baby time, 18k hunting case.

Size and Description	Avg	Ex-Fn	Mint
52mm, min. repeater, by Ernest Duval, 18K, OF	1,800	2,000	2,200
52mm, musical ¼ repeater, KW, KS	2,300	2,500	2,700
52mm, ¼ repeater, double dial, by Le Coultre & Co., 18K, HC, calendar & moon phases	3,000	3,500	4,000
52mm, Henry Capt., min. repeater, perpetual calendar & moon phases, 18K	18,000	20,000	22,000
51mm, "Mysterieuse," min. repeater, silver	1,400	1,595	1,695
50mm, ¼ repeater, by Leresche & Fils, c. 1900, 18K, OF, slide repeat	1,500	1,600	1,700
50mm, 18K, OF, by Duchene Peyrot & Co., c. 1840, gilt, lever, parachute	600	700	800
49mm, by C. L. Guinard, split sec. chronograph, 14K, OF, 30 min. register	670	750	950
49mm, 18K, OF, nickel mvt., by Le Coultre & Co.	550	600	750
49mm, 18K, pocket chonometer, by Breting, Frers, c. 1840, spring detent, 15J	1,200	1,300	1,400
49mm, OF, c. 1820-30, by common maker, pierced cock, etc., silver case	200	250	300
48mm, Tiffany & Co., nickel mvt., wolfs tooth wind	350	425	500



Mysterieuse on watch, 51mm, note hands are set with finger, silver case.

Le Coultre & Co., 57mm, 32 jewels, minute repeater, exposed winding gears, 14k hunting case.

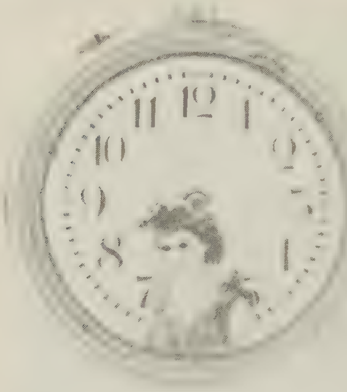
Size and Description	Avg	Ex-Fn	Mint
47mm, 5 min. repeater, 18K, OF, Tiffany & Co.	2,200	2,400	2,600
46mm, "Tact" on rear, white enamel dial, by J. F. Bautte & Co., c. 1830	2,800	3,000	3,200
45mm, 15J, OF, HCI4P	55	60	65
45mm, multi-color, 14K, KW, KS, verge, by Louis Roch	2,300	2,400	2,600
45mm, 21J, LS, SW, Railway Special, OF	85	95	110
44mm, Waltham Swiss mvt., 17J, "Incabloc"	55	65	75
44mm, 7J, SW, gold filled	50	55	60
44mm, multi-color, verge, pierced cock	1,000	1,200	1,300
44mm, ¼ repeater, 28J, by Bernard Reber, chronometer, multi-color dial, gold train, 14K, HC	1,400	1,500	1,600
42mm, 22J, KW, KS, plates in the form of a bird	90	110	150
42mm, gold & enamel, 18K, HC	650	700	950
41mm, gold champleve enamel, floral design, 18K, c. 1830	1,200	1,300	1,400
40mm, gold & enamel, with pearls, verge	2,800	3,000	3,200
40mm, gilt metal & enamel, verge	275	325	350
40mm, 18K, gold & enamel + diamonds, HC, KW, KS	1,800	1,900	2,200
40mm, 18K, HC, enamel landscape scene on each side, c. 1860	1,500	1,600	1,700
40mm, ¼ repeater, gold enamel + diamonds, verge, fusee movement	2,600	2,800	3,000
38mm, 15J, ¾ plate, c. 1930, YGF	70	80	90
36mm, min. repeater, by H. R. Ekegren, 18K, HC	4,000	4,500	5,000
30mm, 18K, enamel, OF, blue & white champleve enamel, cylinder movement	600	700	800
25mm, gold & enamel watch, with matching chain of enamel	1,200	1,400	1,600
25mm, 18K gold & enamel, ladies, 17J, lever mvt.	1,000	1,100	1,200
25mm, 18K, OF, gold & 7 pearls, lapel watch	800	900	1,000
21mm, 5 min. repeater, by James Freres, c. 1890, 14K, slide repeat	1,600	1,800	2,000
Wrist Watch, "Mavado," art deco, square case, black dial, 18K	250	300	350
Wrist Watch, "Windsor," ladies, with 6 diamonds + sapphire crown, 14K	175	200	250

Chinese Duplex, 59mm, made for Chinese market with Chinese symbols, key wind & set.

Musical quarter-hour repeater, 46mm, key wind & set, note stop works on winding mechanism.

OTHER MISC. WATCHES

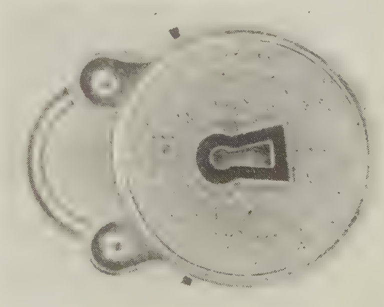
Size and Description	Avg	Ex-Fn	Mint
10.25cm, 3 train, coach watch, with alarm, by Higgs Evans, c. 1791	$3,500	$4,000	$4,500
59mm, for Chinese market, sweep sec., Chinese characters, on silver	295	395	495
56mm, 14K, HC, min. repeater, chronograph, calendar & moon phases	2,500	3,000	3,500
56mm, 18K, HC, by Union Watch Co., GJS, DES, gold pallet & escape wheel	650	750	850
55mm, early verge, c. 1600, strikes the hour, some parts replaced	1,400	1,500	1,600
54mm, 14K, HC, International Watch Co., gilt, lever, GJS	600	700	800
53mm, 14K, ¼ repeater, chronograph, "Invicta," c. 1900, push button repeat	1,000	1,150	1,300
50mm, ½ hour repeater, by J. R. Losada, c. 1870, 18K, slide repeat	1,400	1,600	1,800
50mm, scarab form watch, by Goering Watch Co., enamel & diamond	2,600	3,100	3,600
49mm, min. repeater, by Tiffany & Co., 18K, c. 1900	2,600	2,800	3,000
46mm, musical ¼ hour repeater, KW, KS	2,400	2,500	2,700
46mm, min. repeater, by J. Ullman & Co., 14K, slide repeat, c. 1900	1,200	1,300	1,400
46mm, blinking eye, silver case	200	250	300
45mm, min. repeater, 18K, HC, case very fancy	1,650	1,750	1,850
45mm, chronometer, 15J, 14K, OF	225	250	275
45mm, "Omega," 15J, lever, mvt., silver case	30	40	50
44mm, ¼ repeater, 21J, recased	250	275	300
43mm, 15J, 9K, demi-hunter case	175	200	250
43mm, 14K, OF, International Watch Co., 17J	500	600	700
40mm, Shell watch, skeletonized movement, 7-17J	125	175	245



Blinking Eyes, 46mm, pin set, animated eyes.

International Watch Co., 54mm, 17 jewels, six adjustments, 14k open face, serial number 741073.

Size and Description	Avg	Ex-Fn	Mint
34mm, "gold coin, form watch," by Haas Neveux & Co., folds to a $20 gold piece	800	900	1,000
30mm, ball form watch, silver & enamel, c. 1869, verge	200	300	400
25mm, ball form watch, 18K gold + diamonds, rim wind & set	700	850	995
25mm, skull form watch, miniature, cylinder escapement	800	875	950
20mm, ball form watch, by Juvenia Watch Co., silver & enamel, 15J, c. 1900	200	250	300
Lock form watch, cylinder escapement, 18K case	2,000	2,250	2,500
Wrist Watch, International Watch Co., 18K	300	350	400
Wrist Watch, European Watch Co., 17J, waterproof	250	300	350
Wrist Watch, 18K, min. repeater, by Van Cleef & Arpels, slide repeat	3,500	4,000	4,500
Wrist Watch, ¼ repeater, slide to repeat, enamel dial	2,000	2,200	2,400
Wrist Watch, by Cartier, 18K, circular nickel mvt., 17J	600	700	800
Wrist Watch, by Cartier, gold & enamel lid pops up to view face of watch	1,200	1,400	1,600
Wrist Watch, by Benrus, 14K, chronograph, "Sky Chief," 3 registers	275	300	325



Above: **Ball Lapel Watch**, rim wind & set, 18k with diamonds & sapphires.

Right: **Lock Form Watch**, cylinder escapement, 18k case.

MAIN LISTING
PRICING

IMPORTANT

Watches listed in this book are priced as having original **gold filled cases**, except in low cost production (Dollar-type Watches), or where noted by "14K," "18K," Coin, or Silveroid cases. Key wind and key set watches are listed as having original **coin silver cases**.

Many of the watch manufacturers were commissioned to put jewelers' or jobbers' names on their movements in place of their own. Due to this practice, the true manufacturers of these movements are difficult to identify. These watch models are listed under the original manufacturer and can be identified by comparison with the model sections under each manufacturer. See "Personalized Watches" for more detailed information.

The prices listed were averaged from dealers' lists just prior to publication and are an indication of the retail level or what collectors will pay. Prices are provided in three categories: average condition, extra fine, and mint condition, and are shown in whole dollar amounts only. The values listed are a guide for the retail level and are provided for your information only. Dealers will not necessarily pay full retail price. Prices listed are for watches with **original** cases and dials.

Note: Descriptions and serial number ranges listed for early watches cannot be considered 100 percent accurate due to the manner in which records were kept by these companies.

WARNING: It has been reported to us that 24 Jeweled watches are being faked, especially in Illinois and Rockford watches. One method known is the altering of the number 21 on the movement to a 24. Before buying a 24 Jewel watch, compare the movement with a known 24 Jewel.

ABBREVIATIONS USED
IN
THE COMPLETE GUIDE TO AMERICAN POCKET WATCHES

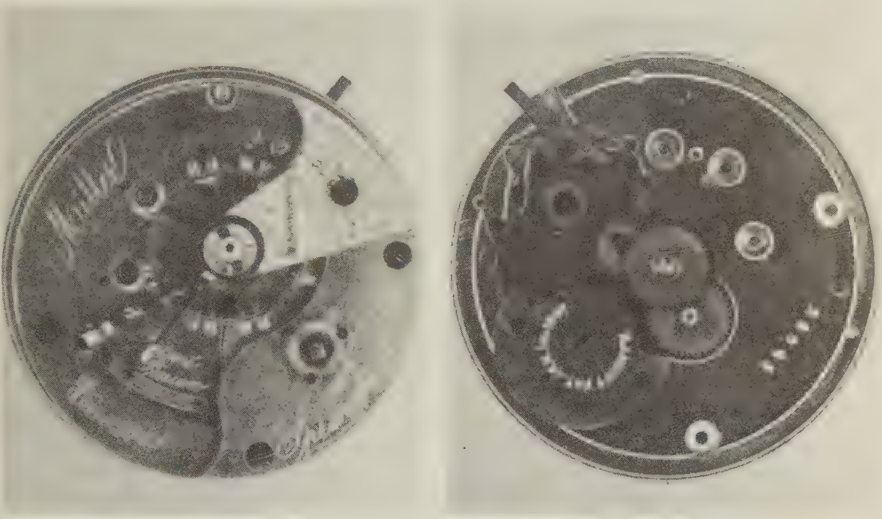
★★★—Rare; less than 100 known to exist.
★★—Scarce; less than 500 known to exist.
★—Uncommon; less than 2,500 known to exist.
ADJ—Adjusted (to heat and cold)
BASE—Base metal used in cases; e.g., silveroid
BC—Box Case
BRG—Bridge plate design movement
COIN—Coin Silver

DB—Double Back
DES—Diamond End Stones
DMK—Damaskeened
DS—Double sunk dial
DR—Double roller
DWT—Penny Weight: 1/20 Troy ounce
ETP—Estimated total production
EX—Extra nice; far above average
FULL—Full plate design movement
¾—¾ plate design movement
1F brg—One finger bridge design and a ¾ plate (see Illinois 16s M#5)
2F brg—Two finger bridge design
3F brg—Three finger bridge design
GF—Gold filled
GJS—Gold jewel settings
G#—Grade number
GT—Gold train (gold gears)
GCW—Gold center wheel
GRO—Good running order
HC—Hunter case
HCI P—Adjusted to heat, cold, isochronism, and positions; e.g., HCI5P
HL—Hairline crack
J—Jewel (as 21J)
K—Karat (as 14k solid gold—not gold filled)
KS—Key set
KW—Key wind
KW/SW—(Key Wind/Stem Wind) Transition
LS—Lever set
MCBC—Multi-Color Box Case
MCC—Multi-Color Case
MCD—Multi-Color Dial
MD—Montgomery type dial
M#—Model number
Mvt. Only—Dial and movement only; no case
NI—Nickel plates or frames
OF—Open face
P—Position (5 positions adj)
PS—Pendant set
RGP—Rolled gold plate
RR—Railroad
RRA—Railroad Approved
RRG—Railroad Grade
S—Size
SBB—Screw Back and Bezel
SRC—Swing Ring Case
SS—Single sunk dial
SW—Stem wind
S#—Serial number
TEMP—Temperature
TP—Total production
2T—Two-Tone
WGF—White gold filled
WI—Wind indicator (also as up and down indicator)
WW—Wrist watch
YGF—Yellow gold filled

ABBOTT'S STEM WIND
HENRY ABBOTT

Henry Abbott first patented his stem wind attachment on June 30, 1876. The complete Abbott's stem wind mechanism is arranged in such a way as to convert key wind to stem wind. He also made a repeater-type slide mechanism for winding. On January 18, 1881, he received a patent for an improved stem wind attachment. On the new model the watch could be wound with the crown. Abbott sold over 50,000 of these stem-wind attachments, and many of them were placed on Waltham, Elgin, and Illinois watches.

Add $100 to $250 to value of watch with this attachment.

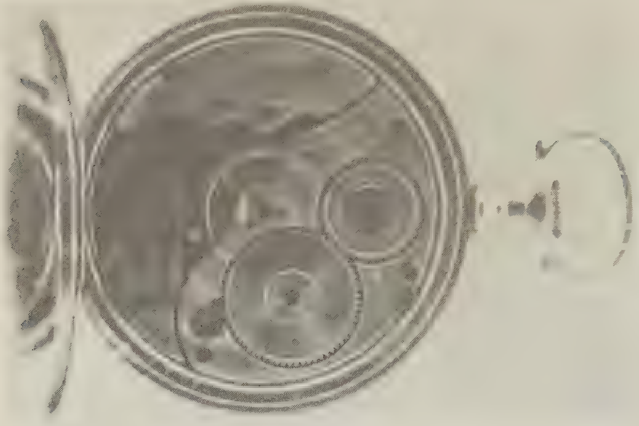


Abbott Stem Wind Attachment. Left: Normal view of an Illinois watch movement with 'hidden' Abbott Stem Wind Attachment (pat. Jan., 18th, 1881). Right: Same watch with dial removed exposing the Abbott Stem Wind Attachment. Serial number 52045.

ABBOTT WATCH CO.
MADE BY HOWARD WATCH CO.
1908 — 1912

Abbott Sure Time Watches were made by the E. Howard Watch Co. (Keystone), and are similar to Howard Watch Co. 1905 model. These watches sold for $8.75 and had 7 jewels. The open face watches are actually hunting case models without the second bits register.

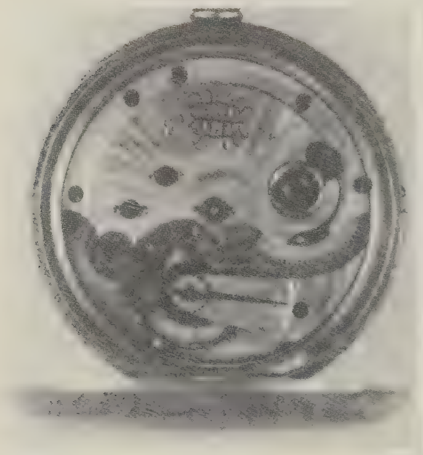
Description	**Avg**	**Ex-Fn**	**Mint**
Abbott Sure Time, 16S, 17J, ¾, OF, GF Case	$125	$200	$250
Abbott Sure Time, 16S, 17J, ¾, HC, GF Case	165	225	300
Abbott Sure Time, 16S, 17J, ¾, OF or HC, Coin	85	95	125
Abbott Sure Time, 16S, 17J, ¾, Silveroid	65	70	80



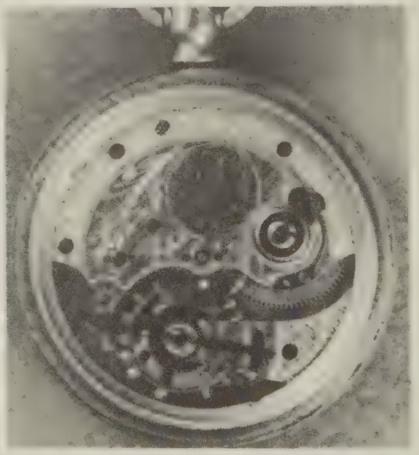
Example of **Abbott Watch Co.**, 16 size, 17 jewels, gold jeweled settings, hunting case. Note similarity to the Howard Watch Co. model 1905. Serial number 993932.

ADAMS AND PERRY WATCH MANUFACTURING COMPANY
Lancaster, Pennsylvania
1874—1877

This company, like so many others, did not have sufficient capital to stay in business for long. The first year was spent in setting up and becoming incorporated. The building was completed in mid-1875, and watches were being produced by September. The first watches were limited to three grades, and the escapement and balance were bought from other sources. By December 1875, the company was short of money and, by the spring of 1876, they had standardized their movements to 18 size. The first movement went on sale April 7, 1876. The next year the company remained idle. In August 1877 the company was sold to the Lancaster Watch Company, after making only about 800 to 1,000 watches. In 1892 Hamilton acquired the assets.



Example of **Adams & Perry Watch Co.** movement. This basic model consists of 15-20 jewels, gold jeweled settings, key wind and pendant set, 18-20 size.



Example of **Adams & Perry Watch Co.** movement. This model consists of 20 jewels, gold jeweled settings, stem wind with micrometric regulator, 20 size.

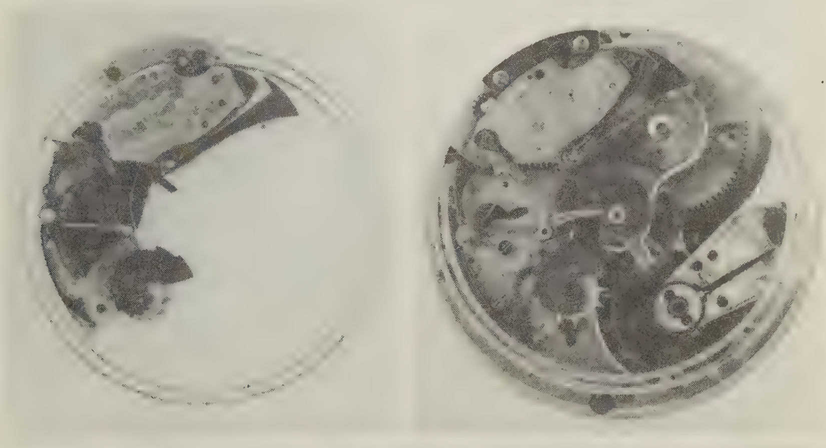
ADAMS & PERRY WATCH MFG. CO. (continued)

Description	Avg	Ex-Fn	Mint
20S, 20J, 18K, GJS, PS, KW ★★★	$2,200	$3,000	$4,500
18S, 20J, GJS, PS ★★★	900	1,375	1,500
18S, 17J, GJS, PS ★★	650	700	800
18S, 17J, GJS, PS, Coin	450	500	675

J. H. ALLISON
Detroit, Michigan
1853 — 1890

The first watch J. H. Allison made was in 1853; it was a chronometer with full plate and a fusee with chain drive. The balance had time screws and sliding weights. In 1864, he made a ¾ plate chronometer with gold wheels. He also damaskeened the nickel movement. He produced only about 25 watches, of which 20 were chronometers. By 1883 he was making ¾ plate movements with a stem wind of his own design. Allison made most of his own parts and designed his own tools. He also altered some key wind watches to stem wind. Allison died in 1890.

Description	Avg	Ex-Fn	Mint
Full Plate & ¾ Plate, GT, NI, DMK ★★★	$3,000	$4,000	$5,700
Detent Chronometer Escapement, 21J, KW/KS, GJS	3,000	3,500	4,000



American Repeating Attachment. Illustration at left shows Terstegen's patented repeating attachment only. Illustration at right shows attachment as normally found on movement. The two outside circles on left illustration are wire gongs. The hammer can be seen at upper right.

AMERICAN REPEATING WATCH COMPANY
Elizabeth, New Jersey
1885—1892

Around 1675, a repeating mechanism was attached to a clock for the first time. The first repeating watch was made about 1687 by Thomas Tompion or Daniel Quare. Five-minute, quarter-hour and half-hour repeaters were popular by 1730. The minute repeater became common about 1830.

Fred Terstegen applied for a patent on August 21, 1882, for a repeating attachment that would work with any American key-wind or stem-wind watch. He was granted three patents: No. 311,270 on January 27, 1885; No. 3,421,844 on February 18, 1890; and No. 3,436,162 in September 1890. Waltham was the only watch company to fabricate repeating watches in America. It is not known how many repeaters were made, but it is estimated to be from 1,300 to 3,000.

Add $1,000 to $2,000 to value of watch with this attachment.

THE AMERICAN WATCH CO.
(Waltham)
1851—1957

To trace the roots of the Waltham family one must start with the year 1850 in Roxbury, Massachusetts, No. 34 Water Street. That fall David Davis, a Mr. Dennison, and Mr. Howard together formed a watch company. Howard and Dennison had the dream of producing watches with interchangeable parts that were less expensive but did not result in less quality.

Howard served an apprenticeship to Aaron Willard Jr. in about 1829. Several years later, in 1842, Howard formed a clock and balance scale manufacturing company with Davis.

Howard and Dennison combined their ideas and, with financing provided by Samuel Curtis, the first of their watches was made in 1850. But they had problems. They were trying out all new ideas such as using jewels, making dials, and producing steel with mirror finishes. This required all new machinery and resulted in a great financial burden. They discovered, too, that although all watches were produced on the same machines and of the same style, each watch was individual with its own set of errors to be corrected. This they had not anticipated. It took months to adjust the watches to the point they were any better than any other timepieces on the market.

But Howard had perfected and patented many automatic watchmaking machines that produced precision watch parts. In 1851 the factory building was completed and the name American Horologe Company was chosen. It was not until late 1852 that the first watches were completed using the signature of "The Warren Mfg. Co.," after a famed Revolutionary War hero. The first 17 watches were not placed on the market but went to officials of the company. Watches numbered 18 through 110 were marked "Warren. . .Boston;" the next 800 were marked "Samuel Curtis;" a few were marked "Fellows & Schell" and sold for $40.

The name was changed to the Boston Watch Company in September 1853, and a factory was built in Waltham, Massachusetts, in October 1854. The movements that were produced here carried serial numbers 1,001 to 5,000 and were marked "Dennison, Howard & Davis," "C. T. Parker," and "P. S. Bartlett."

Boston Watch Company failed in 1857 and was sold at a sheriff's auction to Royal E. Robbins. In May 1857, it was reorganized as the Appleton, Tracy & Co., and the watches produced carried serial numbers 5,001 to 14,000, model 1857. The first movements were marked Appleton, Tracy & Co. The C. T. Parker was introduced as model 1857 and sold for $12; 399 of these models were made. Also 598 chronodrometers were produced and in January 1858 the P. S. Bartlett watch was made.

In January 1859 the Waltham Improvement Co. and the Appleton, Tracy & Co. merged to form the American Watch Company. In 1860, as Lincoln was elected president and the country was in Civil War, the American Watch Co. was faced with serious problems. The next year, business came to a standstill. There seemed to be little hope of finding a market for watches, and bankruptcy again seemed close at hand. At this point it was decided to cut expenditures to the lowest possible figure and keep the factory in operation.

American horology owes much to members of the Waltham Watch group such as Bacon, Church, Dennison, Fogg, Howard Marsh, Webster, and Woerd, who contributed much to its development and success.

In early 1861, the name ''J. Watson'' appeared on model 1857 (first run: Nos. 23,601 to 24,300—total production 1,200).

The next model 1857 was the ''R. E. Robbins'' of which 2,800 were made.

The William Ellery, marked ''Wm. Ellery,'' (model 1857) was then introduced with the first serial number of 46,201. It was key wind and key set and had 7 to 15 jewels.

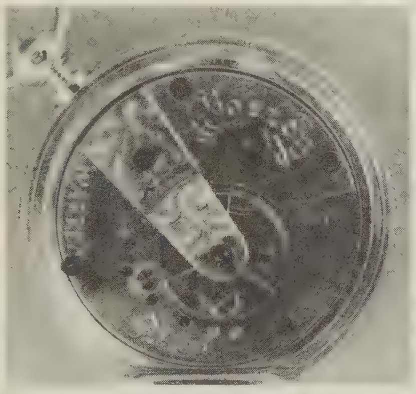
A size 10 woman's watch was marketed with first serial numbers of 44,201. It was key wind and key set, ¾ plate, 13 to 15 jewels. Some were marked ''P S Bartlett'' and a 15 jewel was marked ''Appleton, Tracy & Co.''

A special model, 10 size, serial numbers of 45,801 to 46,200, is extremely rare.

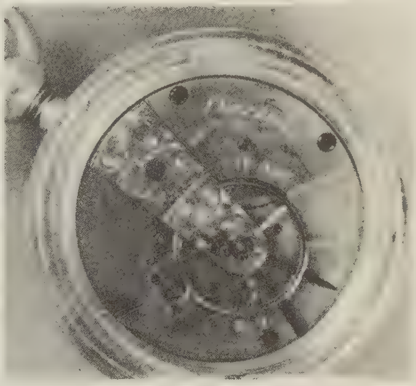
The first stem wind, beginning with serial number 410,698, was produced in 1868.

By 1880 all watches were quick train.

The last key wind was serial No. 22,577,000, about 1919, 18 size, 1883 model, 7J, sterling, produced for export.



Warren, Model 1857, 18 size, 15 jewels, hunting case, key wind & set, under sprung, serial number 58.



Samuel Curtis, Model 1857, 18 size, 15 jewels, manufactured about 1854, serial number 356.

CHRONOLOGY OF THE DEVELOPMENT OF AMERICAN WATCH COMPANY

AMERICAN HOROLOGE CO.
Roxbury, Mass. 1851

THE WARREN MANUFACTURING CO.
Roxbury, Mass. 1851-1853
''Warren''
Serial No. 18-110
''Samuel Curtis''
Serial No. 111-1,000

AMERICAN WALTHAM WATCH CO. (continued)

BOSTON WATCH CO.
Roxbury & Waltham, Mass. 1853-1857
"C. T. Parker," "P. S. Bartlett,"
"Dennison, Howard & Davis"
Serial No. 1,001-5,000
"Fellows & Schell"
less than 100 made

TRACY, BAKER & CO.
Waltham, Mass. 1857

APPLETON, TRACY & COMPANY
Waltham, Mass. 1857-1859
"Appleton, Tracy & Co.," "C. T. Parker,"
"Chronodrometer," "P. S. Bartlett"
Serial No. 5,001-14,000
(Serial No. 6,000-6,500 Howard & Rice)

AMERICAN WATCH COMPANY
Waltham, Mass. 1859-1885

AMERICAN WALTHAM WATCH CO.
Waltham, Mass. 1885-1906

WALTHAM WATCH COMPANY
Waltham, Mass. 1906-1923

WALTHAM WATCH & CLOCK COMPANY
Waltham, Mass. 1923-1925

WALTHAM WATCH COMPANY
Waltham, Mass. 1925-1957

WALTHAM
ESTIMATED SERIAL NUMBERS AND PRODUCTION DATES

Date	Serial No.	Date	Serial No.	Date	Serial No.
1852	50	1883	2,000,000	1914	19,500,000
1853	400	1884	2,350,000	1915	20,000,000
1854	1,000	1885	2,650,000	1916	20,500,000
1855	2,500	1886	3,000,000	1917	20,900,000
1856	4,000	1887	3,400,000	1918	21,800,000
1857	6,000	1888	3,800,000	1919	22,500,000
1858	10,000	1889	4,200,000	1920	23,400,000
1859	15,000	1890	4,700,000	1921	23,900,000
1860	20,000	1891	5,200,000	1922	24,100,000
1861	25,000	1892	5,800,000	1923	24,300,000
1862	35,000	1893	6,300,000	1924	24,550,000
1863	65,000	1894	6,700,000	1925	24,800,000
1864	110,000	1895	7,100,000	1926	25,200,000
1865	180,000	1896	7,450,000	1927	26,100,000
1866	260,000	1897	8,100,000	1928	26,400,000
1867	330,000	1898	8,400,000	1929	26,900,000
1868	410,000	1899	9,000,000	1930	27,100,000
1869	460,000	1900	9,500,000	1931	27,300,000
1870	500,000	1901	10,200,000	1932	27,550,000
1871	540,000	1902	11,100,000	1933	27,750,000
1872	590,000	1903	12,100,000	1934	28,100,000
1873	680,000	1904	13,500,000	1935	28,600,000
1874	730,000	1905	14,300,000	1936	29,100,000
1875	810,000	1906	14,700,000	1937	29,400,000
1876	910,000	1907	15,500,000	1938	29,750,000
1877	1,000,000	1908	17,000,000	1939	30,050,000
1878	1,150,000	1909	17,600,000	1940	30,250,000
1879	1,350,000	1910	17,900,000	1941	30,750,000
1880	1,500,000	1911	18,100,000	1942	31,050,000
1881	1,670,000	1912	18,200,000	1943	31,400,000
1882	1,835,000	1913	18,900,000	1944	31,700,000

AMERICAN WALTHAM WATCH CO. (continued)

Date	Serial No.	Date	Serial No.	Date	Serial No.
1945	32,100,000	1950	33,560,000	1954	34,100,000
1946	32,350,000	1951	33,600,000	1955	34,450,000
1947	32,750,000	1952	33,700,000	1956	34,700,000
1948	33,100,000	1953	33,800,000	1957	35,000,000
1949	33,500,000				

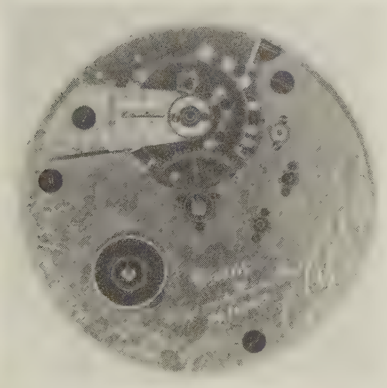
The above list is provided for determining the approximate age of your watch. Match serial number with date.

AMERICAN WALTHAM WATCH CO.

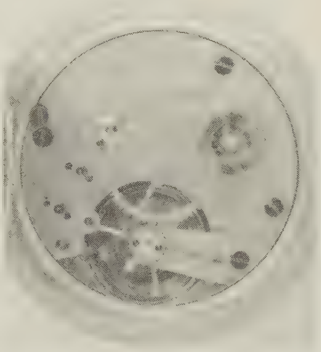
(See American Waltham Watch Co. **Identification of Movements** section located at the end of the American Waltham price section to identify the movement, size, and model number of your watch.)

20 SIZE
MODEL 1862 KW
T. P. 3,500

Grade or Name — Description	Avg	Ex-Fn	Mint
American Watch Co., 18K, HC	$2,000	$2,500	$3,000
American Watch Co., 15 & 17J, KW, KS, ¾, vibrating hairspring stud ★★	800	1,100	1,500
American Watch Co., 15 & 17J, ¾, KW, ADJ	300	400	500
American Watch Co., 19J, ¾, KW, ADJ ★★	2,000	2,400	2,800
American Watch Co., 19J, ¾, KW, ADJ, with Maltese cross stopwork ★★	2,200	2,600	3,000
Amn. W. Co., 15J, ¾, KW ★★	250	300	375
Amn. W. Co., 7-11J, ¾, KW ★	250	275	300
Appleton, Tracy & Co., 15J, ¾, KW, with Maltese cross stopwork ★★	400	500	650
Appleton, Tracy & Co., 15 & 17J, ¾, KW, ADJ, gold balance ★★	500	700	900
Appleton, Tracy & Co., 15 & 17J, ¾, KW	250	280	325



American Watch Co., Model 1862, 20 size, 17 jewels, gold balance and escape wheel, gold jeweled settings, key wind, key set from back, serial number 80111.



P.S. Bartlett, Model 18KW, 18 size, 11 jewels, key wind & set from back, serial number 41597.

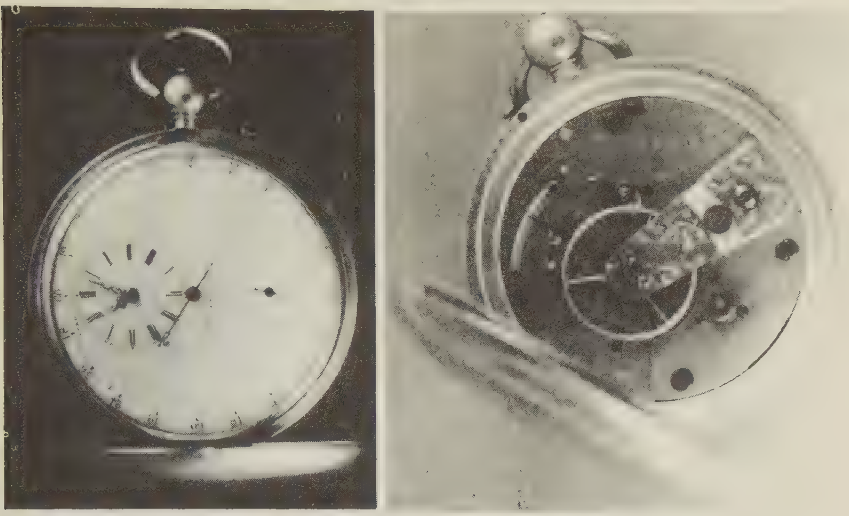
AMERICAN WALTHAM WATCH CO., 20 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Appleton, Tracy & Co., 15 & 17J, ¾, KW, vibrating hairspring stud ★★	800	1,000	1,200
Nashua (marked), 15J, KW, KS, ¾, 18K ★★★	6,000	8,000	10,000
Nashua (unmarked), 15J, KW, KS, ¾	2,500	3,000	3,500

18 SIZE

MODELS 1857, 18KW, 1862, 1870, 1877, 1879, 1883, 1892

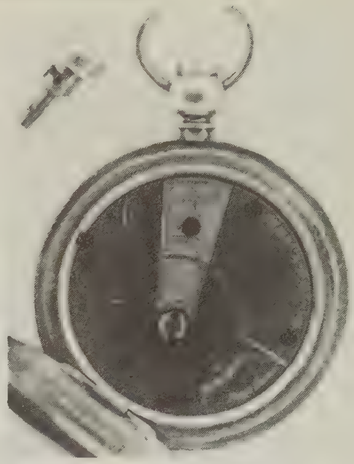
Grade or Name — Description	Avg	Ex-Fn	Mint
American Watch Co., 17J, ¾, KW, M#1857 ★★★	$600	$800	$1,000
American Watch Co., 19J, M#1883, 14K	850	1,100	1,200
American Watch Co., 17J, M#1883	65	80	95
American Watch Co., 15-19J, M#18KW, ¾ ★★	1,800	2,000	2,400
American Watch Co., 21J, M#1883, ADJ, GJS	125	150	200
American Watch Co., 15J, M#18KW, ¾, Pat. Nov. 30, 1858, reverse pinion ★★★	2,000	2,500	3,000
American Watch Co., 15J, M#1870, KW	175	250	375
Am. Watch Co., 17J, M#1857, KW, KS	150	175	200
Am. Watch Co., 15J, M#1857, KW, KS	100	125	150
Am. Watch Co., 14K, HC, heavy box hinged, multi-color, (4 colors)	2,000	2,500	3,000
Am. Watch Co., 11J, thin model, KW	200	300	400
Am. Watch Co., 15 & 17J, M#1870, KW, ADJ	175	235	295
Am. Watch Co., 11J, M#1883, SW or KW	55	70	85
Am. Watch Co., 21J, M#1892, LS	90	120	150
Am. Watch Co., 21J, M#1892, PS	80	120	140
Am. Watch Co., 17J, M#1892, LS	80	95	120
Am. Watch Co., 17J, M#1892, PS	75	90	110
Am. Watch Co., 7J, M#1883, KW	35	55	60
Am. Watch Co., 11J, M#1883, KW	65	85	110
Am. Watch Co., 15J, M#1857, SW ★	200	300	400
Appleton, Tracy & Co., 15J, M#1857, SW	100	125	175
Appleton, Tracy & Co., 7-11J, KW, M#1857 ★	110	135	185
Appleton, Tracy & Co., KW, ¾	175	295	375
Appleton, Tracy & Co., 15J, ¾, KW, with vibrating hairspring stud ★★	750	1,000	1,250
Appleton, Tracy & Co., Sporting,(Chronodrometer) M#1857, 16J, KW, KS ★★	2,000	2,400	2,750
Appleton, Tracy & Co., 15J, M#1857, KW, 18K	650	900	1,200
Appleton, Tracy & Co., 15J, M#1857, KW	100	125	250
Appleton, Tracy & Co., 11J, M#s 1877, 1879, SW	60	75	85
Appleton, Tracy & Co., 17J, M#1892, SW, Premiere	95	125	150
Appleton, Tracy & Co., 15J, M#1892, SW	65	85	95
Appleton, Tracy & Co., 19J, M#1892, SW	75	115	140
Appleton, Tracy & Co., 21J, M#1892, SW	85	125	150
Appleton, Tracy & Co., 17J, M#1892, SW	55	75	95
Appleton, Tracy & Co., 11J, thin model, KW	200	300	400
Appleton, Tracy & Co., 15J, M#1883	60	70	85
Appleton, Tracy & Co., 15J, M#18KW, ¾, reverse pinion ★★★	1,000	1,500	2,000



Model 1857, 18 size, 16 jewels. "Chronodrometer" on dial; "Appleton Tracy & Co." or "P.S. Bartlett" on back plate, key wind & set from back, serial number 14734. Face and movement shown.

Grade or Name — Description	Avg	Ex-Fn	Mint
Appleton, Tracy & Co., 15J, M#1877, KW	50	70	80
Appleton, Tracy & Co., 15J, M#1879, SW	50	70	80
Appleton, Tracy & Co., 17J, M#1883	60	80	90
A. W. W. Co., 7J, M#1883, SW	55	65	85
A. W. W. Co., 11J, M#1883, SW	60	70	85
A. W. W. Co., 7J, M#1883, KW	50	60	70
A. W. W. Co., 11J, M#1879	50	60	70
A. W. W. Co., 15J, M#1879	50	60	75
A. W. W. Co., 15J, M#1883	65	75	85
A. W. W. Co., 11J, M#1883	60	70	80
A. W. W. Co., 17J, M#1892, LS, OF	80	90	95
A. W. W. Co., 19J, M#1892	90	115	135
A. W. W. Co., 21J, M#1892	95	125	150
A. W. W. Co., 17J, M#1892, PS, OF	70	80	90
A. W. W. Co., 17J, M#1892, HC	80	85	95
A. W. W. Co., 17J, "for R.R. Service" on dial	200	250	295
A. W. W. Co., 15J, OF	50	60	70
A. W. W. Co., 15J, 14K multi-color boxcase	1,600	2,000	2,400
A. W. W. Co., 15J, HC	55	65	75
A. W. W. Co., 11J, LS, HC	50	60	70
P. S. Bartlett, 7J, M#1857, KW, 1st Run	250	350	450
P. S. Bartlett, 11J, M#1857, KW, 1st Run	275	375	475
P. S. Bartlett, 11J, LS, HC, 14K	550	650	775
P. S. Bartlett, 15J, M#1857, KW, below S#5000	200	225	275
P. S. Bartlett, 11J, M#1857, KW, 2nd-3rd Run	75	85	95
P. S. Bartlett, 15J, M#1857, KW, 2nd-3rd Run	100	125	155
P. S. Bartlett, 11J, M#1879, KW	55	60	70
P. S. Bartlett, 11J, M#1857, KW, Eagle on case	200	250	275
P. S. Bartlett, 15J, M#1879, KW	65	75	80

A.W.W. Co., Model 1857, 18 size, 15 jewels. Note stem wind. Serial number 778763.



P.S. Bartlett, Model 1857, 18 size, 11-15 jewels, serial number 945304. Note hidden key from stem.

Grade or Name — Description	Avg	Ex-Fn	Mint
P. S. Bartlett, 15J, M#1879, SW	55	65	70
P. S. Bartlett, 15J, M#1857, Sporting or Chronometer ★ ★ ★	2,000	2,200	2,500
P. S. Bartlett, 11-15J, M#1870, SW	75	85	95
P. S. Bartlett, 11-15J, M#1877, KW	85	100	120
P. S. Bartlett, 11J, M#1883, SW	50	60	70
P. S. Bartlett, 15J, M#1883, KW	55	65	75
P. S. Bartlett, 17J, M#1883, SW	85	115	140
P. S. Bartlett, 15J, M#1883, SW	65	75	85
P. S. Bartlett, 11J, M#18KW, ¾, thin model	100	150	200
P. S. Bartlett, 11J, M#18KW, ¾, Pat. reverse pinion	1,000	1,250	1,500
P. S. Bartlett, 15J, pinned plates, KW	375	525	675
P. S. Bartlett, 15J, M#1892, SW	65	70	75
P. S. Bartlett, 17J, M#1892, SW, OF, LS	75	80	90
P. S. Bartlett, 19J, M#1892, SW	95	105	125
P. S. Bartlett, 21J, M#1892, SW	95	105	125
P. S. Bartlett, 17J, M#1892, SW, HC	80	90	95
P. S. Bartlett, 17J, M#1892, SW, OF, PS	75	80	90
P. S. Bartlett, 17J, M#1892, SW, 2-Tone	85	95	110
P. S. Bartlett, 21J, M#1892, SW, 2-Tone	100	115	135
Broadway, 7J, M#1857, KW	60	70	85
Broadway, 11J, M#1857, KW, NI	70	80	95
Broadway, 11J, M#1877, KW, SW, NI	70	80	95
Broadway, 11J, M#1883, KW	60	70	85
Broadway, 11J, M#1883, SW	60	70	80
Broadway, 7J, M#1883, KW	55	60	70
Canadian Railway Time Service, 17J, HCI5P	275	325	400
Central Park, 15J, M#1857, KW	75	120	150
Champion, 15J, M#1877, OF	100	110	125
Crescent Park, 15J M#1857	125	150	200
Crescent Street, 15J, M#1870, KW	165	180	190
Crescent Street, 17J, M#1870, KW ★	250	275	300

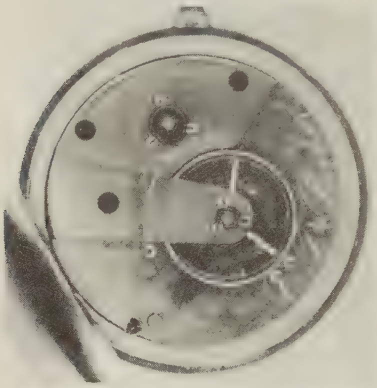
Crescent Street, Model 1892, 18 size, 21 jewels, note recessed balance, serial number 11502404.

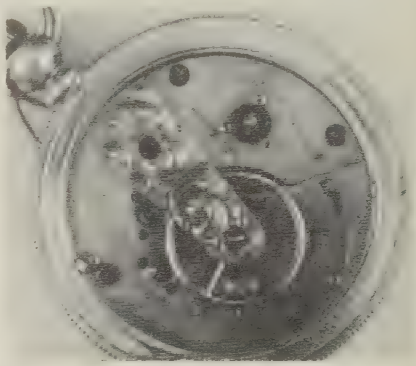
Dennison, Howard, Davis, Model 1857, 18 size, 15 jewels, under sprung, key wind, serial number 1205.

Grade or Name — Description	Avg	Ex-Fn	Mint
Crescent Street, 15J, M#1870, SW	85	100	140
Crescent Street, 15J, M#1883, SW, non-magnetic	100	140	180
Crescent Street, 15J, M#1883, SW, 2-Tone	110	150	190
Crescent Street, 17J, M#1883, SW	90	105	145
Crescent Street, 19J, M#1883 ★	200	260	325
Crescent Street, 17J, M#1892, SW, GJS	100	120	145
Crescent Street, 21J, M#1892, SW, HCI5P, GJS	135	150	170
Crescent Street, 21J, M#1892, WI	900	1,000	1,200
Crescent Street, 19J, M#1892, SW, HCI5P, GJS	100	125	150
Samuel Curtis, 11-15J, M#1857, KW, S# less than 200 ★★	4,500	4,800	5,500
Samuel Curtis, 11-15J, M#1857, KW, S# less than 400 ★★	4,200	4,350	4,500
Samuel Curtis, 11-15J, M#1857, KW, S# less than 600 ★★	3,200	3,800	4,200
Samuel Curtis, 11-15J, M#1857, KW, S# less than 1,000 ★★	2,500	2,800	3,200
Dennison, Howard, Davis, 11J, M#1857, KW	800	900	1,050
Dennison, Howard, Davis, 15J, M#1857, KW	900	1,000	1,150
Dennison, Howard, Davis, 15J, M#1857, KW, S# less than 2,000	1,200	1,400	1,600
Dennison, Howard, Davis, 7J, M#1857, KW ★	500	600	800
Dominion Railway, 15J, M#1883, OF, SW, train on dial	350	400	475
Wm. Ellery, 11-15J, M#1877, SW	70	85	100
Wm. Ellery, 7-11J, M#1857, Boston, Mass.	75	100	125
Wm. Ellery, 7-11J, M#1857, KW	75	90	110
Wm. Ellery, 7-11J, M#KW, ¾	150	175	250
Wm. Ellery, 7-11J, M#1877, KW	70	85	100
Wm. Ellery, 7-11J, M#1883	65	80	95
Wm. Ellery, 7J, M#1857, KW, KS from back	275	375	475
Wm. Ellery, 15J, M#1857, KW	100	135	160
Wm. Ellery, 15J, M#1857, SW	125	155	175
Excelsior, M#1877, KW	100	120	140
Export, 7-11J, M#1883, KW	60	70	85
Favorite, 15J, M#1877	70	80	95
Fellows & Schell, 15J, KW, KS ★★★	2,800	3,400	4,000
Franklin, 7J, M#1877, SW	100	110	130
Home Watch Co., 7-11J, M#1857, KW	80	90	125

AMERICAN WALTHAM WATCH CO., 18 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Home Watch Co., 7J, M#1877, KW	60	75	95
Home Watch Co., 7-11J, M#1879, SW	65	80	100
Howard, Davis & Dennison, S#1-17 ★★★	30,000	35,000	45,000
Howard & Rice, 15J, M#1857, KW, KS (serial numbers range from 6000 to 6500) ★★	1,500	2,000	2,500
E. Howard & Co., Boston (on dial & mvt.), English style escape wheel, upright pallets, 15J, M#1857, KW, KS, S#s about 6,400 to 6,500 ★★★	1,800	2,600	3,000
Martyn Square, 7-11J, M#1857, KW, SW (exported)	125	150	175
Non-Magnetic, 15J, SW, LS, NI	85	105	125
Non-Magnetic, 17J, M#1892, SW, LS	200	225	300
C. T. Parker, 7J, M#1857, KW ★★	800	1,000	1,200


C.T. Parker, Model 1857, 18 size, 7 jewels, key wind & set, serial number 1099.

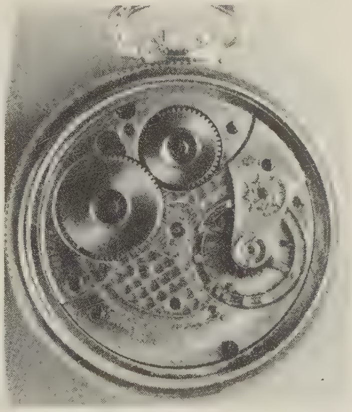

Howard & Rice, Model 1857, 18 size, 15 jewels, under sprung, serial number 6003.

Grade or Name — Description	Avg	Ex-Fn	Mint
Pennsylvania R.R. on dial, Appleton, Tracy & Co. on Mvt., KW, KS ★★★	900	1,000	1,250
Pennsylvania Special, 21J, M#1892, HC ★★★	1,800	2,000	2,500
Pennsylvania Special, 21J, M#1892, OF ★★★	1,250	1,400	1,850
Pioneer, 7J, M#1883	55	65	75
Premier, 17J, M#1892, LS, OF	75	90	125
Railroad, 17-21J, M#1892, LS	150	185	250
Railroader, 17J, M#1892, LS ★★	475	575	675
Railroad King, 15J, M#1883, LS	200	250	300
Railroad King, 15J, M#1883, 2-Tone	300	375	425
Railroad King, 17J, Special, M#1883, LS	350	400	450
Railroad Watches with R.R. names on dial and movement as follows:			
Canadian Pacific R.R., 17J, M#1883	175	200	225
Canadian Pacific R.R., 17J, M#1892	275	300	335
Canadian Pacific R.R., 21J, M#1892	550	650	750
Santa Fe Route, 17J, M#1883	225	280	350
Santa Fe Route, 17J, M#1892	275	350	425
Riverside, 17J, M#1892 ★★	200	250	325
Roadmaster, 17J, M#1892, LS	200	275	375
R. E. Robbins, 11J, M#1857, KW ★★	375	550	675
R. E. Robbins, 15J, M#1877, KW	185	225	250

AMERICAN WALTHAM WATCH CO., 18 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
R. E. Robbins, 13J, M#1883	125	175	225
Sol, 7J, M#1883, OF	55	65	75
Sol, 17J, OF, PS	175	195	225
Special Railroad, 17J, M#1883, LS, OF	250	380	475
Special R. R. King, 15J, M#1883	250	340	400
Sterling, 7J, M#1857, KW	55	70	85
Sterling, 7-11J, M#1877	50	60	75
Sterling, 7-11J, M#1883, KW	45	60	75
Sterling, 11J, M#1883, SW	50	65	75
Tourist, 11J, M#1877	55	70	85
Tourist, 7J, M#1877	50	60	70
Tracy, Baker & Co., 15J ★★★	5,000	7,000	10,000
Vanguard, 17J, M#1892, GJS, HC ★★★	385	440	580
Vanguard, 17J, M#1892, LS, HCI5P, DR, GJS, OF ★★	275	335	475
Vanguard, 17J, M#1892, Wind Indicator, HCI5P, DR, GJS	900	1,000	1,100
Vanguard, 19J, M#1892, LS, HCI5P, Diamond end stones	95	145	185
Vanguard, 19J, M#1892, LS, HCI5P, DR, GJS, OF	90	135	175
Vanguard, 19J, M#1892, Wind Indicator, LS, HCI5P, DR, GJS	950	1,100	1,250
Vanguard, 19J, M#1892, HCI5P, GJS, HC	100	140	180
Vanguard, 21J, M#1892, Silveroid	60	70	90
Vanguard, 21J, M#1892, HC, GJS	100	125	150
Vanguard, 21J, M#1892, LS, HCI5P, DR, GJS, OF	95	120	145
Vanguard, 21J, M#1892, LS, HCI5P, Diamond end stone	130	140	155
Vanguard, 21J, M#1892, Wind Indicator, LS, HCI5P, DR, GJS	900	1,000	1,100
Vanguard, 23J, M#1892, LS, HCI5P, DR, GJS, OF	125	175	225
Vanguard, 23J, M#1892, LS, HCI5P, DR, GJS, HC	200	225	275
Vanguard, 23J, M#1892, LS, HCI5P, DR, GJS, Diamond end stone	175	225	250
Vanguard, 23J, M#1892, LS, HCI5P, DR, GJS, Silveroid	95	105	125
Vanguard, 23J, M#1892, Wind Indicator, LS, HCI5P, DR, GJS	1,000	1,200	1,350
Warren, 15J, M#1857, KW, KS, S#18-29 ★★★	25,000	27,000	32,000

Sol, Model 1883, 18 size, 7 jewels, open face, serial number 9578232.



Vanguard, Model 1892, 18 size, 23 jewels, diamond end stone, gold jewel settings, exposed winding gears, serial number 10533465.

J. Watson, Model 1857, 18 size, 7-11 jewels, hunting case, key wind & set, serial number 28635.

845, Model 1892, 18 size, 21 jewels, railroad grade, adjusted to HCI5P, serial number 15097475.

Grade or Name — Description	Avg	Ex-Fn	Mint
Warren, 15J, M#1857, KW, KS, S#30-60 ★★★	15,000	20,000	24,000
Warren, 15J, M#1857, KW, KS, S#61-90 ★★★	9,000	12,000	14,000
Warren, 15J, M#1857, KW, KS, S#91-110 ★★★	6,000	7,000	8,000
George Washington, M#1857, KW	200	250	300
J. Watson, 7J, M#1857, KW, KS, "Boston" ★	850	1,175	1,500
J. Watson, 7-11J, M#1857, KW, KS, "London"	850	1,175	1,500
45, 19J, GJS, 2-Tone, HC ★★	1,000	1,200	1,400
845, 21J, M#1892, OF	95	130	155
845, 21J, M#1892, HC	135	175	225
845, 21J, M#1892, Silveroid	60	70	90
820, 825, M#1883	55	75	85
M#1892, 19J, Sidereal ★★★	2,000	2,200	2,500
M#1892, 17J, Astronomical Sidereal ★★★	1,800	1,900	2,000

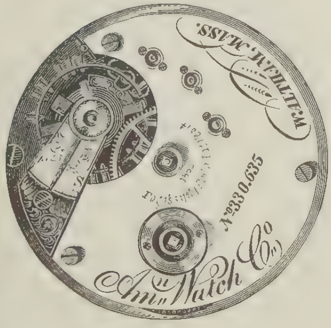
Note: Some grades are not included. Their values can be determined by comparing with similar models and grades listed.

16 SIZE
MODELS 16KW, 1868, 1872, 1888, 1899, 1908, BRIDGE MODEL

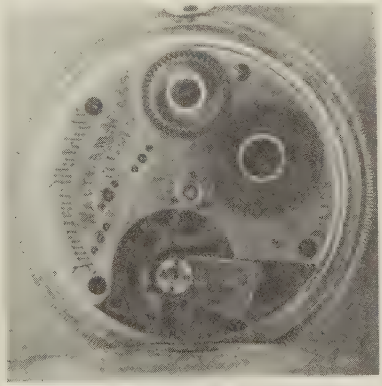
Grade or Name — Description	Avg	Ex-Fn	Mint
Am. Watch Co., 11J, M#16KW, KW & KS from back ★★	$375	$450	$520
Am. Watch Co., 15J, M#16KW, KW & KS from back ★★	400	460	535
Am. Watch Co., 11J, M#1868, ¾, KW	175	200	235
Am. Watch Co., 15-17J, M#1868, ¾, KW	215	240	275
Am. Watch Co., 15J, M#1872, ¾, SW	100	125	150
Am. Watch Co., 16-17J, M#1872, ¾, SW	125	150	175
Am. Watch Co., 19J, M#1872, ¾, SW	175	250	300
Am. Watch Co., 7-11J, M#1888, ¾, SW	68	85	110
Am. Watch Co., 15J, M#1888, ¾, SW	85	100	130
Am. Watch Co., 17J, M#1899	85	100	145
Am. Watch Co., 7-11J, M#1899	70	80	90

AMERICAN WALTHAM WATCH CO., 16 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Am. Watch Co., 13J, M#1899	75	85	95
Am. Watch Co. 15-16J, M#1899, HC	75	95	120
Am. Watch Co., 15J, M#1899, SW, Silveroid	55	60	65
Am. Watch Co., 15J, M#1899, SW, OF	70	85	100
American Watch Co., 19J, M#16KW, Maltese cross stopwork	1,000	1,300	1,600
American Watch Co., 17-19J, M#16KW, ¾, KW & KS from back, vibrating hairspring stud ★★★	1,000	1,500	2,000
American Watch Co., 19J, M#16KW, ¾, KW & KS from back ★★★	995	1,250	1,500
American Watch Co., 15J, M#1868, ¾, KW ★★	300	350	400
American Watch Co., 17J, M#1868, ¾, KW, ADJ ★★	400	500	600
American Watch Co., 19J, M#1868, SW ★★★	450	550	650
American Watch Co., 17J, M#1872, ¾, SW, HC, 14K	995	1,225	1,400
American Watch Co., 19J, M#1872, ¾, SW ★★★	575	675	775
American Watch Co., 19J, M#1872, ¾, GJS, Woerd's Pat. sawtooth balance	2,000	2,500	3,000
American Watch Co., 21J, M#1872, ¾, SW ★★	800	955	1,100
American Watch Co., 21J, M#1872, ¾, SW, 14K	1,500	1,650	1,800
American Watch Co., 19J, M#1888, 14K ★	900	1,100	1,300
American Watch Co., 19J, M#1888 ★	500	600	700
American Watch Co., 21J, M#1888, NI, ¾ ★★	600	775	900
American Watch Co., 23J, BRG, HCI5P, GT, GJS, 14K	1,150	1,400	1,800
American Watch Co., 23J, BRG, HCI5P, GT, GJS, 18K	1,500	1,700	2,000
American Watch Co., 23J, BRG, HCI5P, GT, GJS	550	625	725
American Watch Co., 21J, BRG, HCI5P, GT, GJS	450	525	625
American Watch Co., 19J, BRG, HCI5P, GT, GJS	350	425	525
American Watch Co., 17J, BRG, HCI5P, GT, GJS	325	400	550
Appleton, Tracy & Co., 15J, M#16KW, ¾, KW & KS from back	325	425	525
Appleton, Tracy & Co., 15J, M#1868, ¾, KW	400	500	600
Appleton, Tracy & Co., 15J, ¾, KW, with vibrating hairspring stud ★★	800	1,000	1,200
Appleton, Tracy & Co., 15J, ¾, KW, with vibrating hairspring stud, 18K ★★	1,600	1,850	2,000


Waltham, Mass.
No 330,635
Am. Watch Co.

American Watch Co., Model 16KW, 16 size, 11-15 jewels, key wind and set from back, serial number 330635.



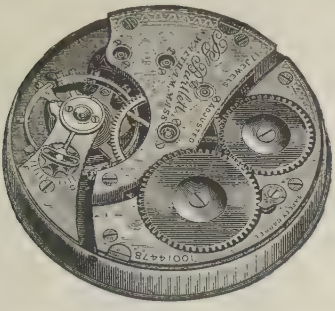
American Watch Co., Model 1872, 16 size, marked 17 jewels; actually 21 jewels, serial number 871199.

23
JEWELS
American
Watch Co.
Waltham Mass

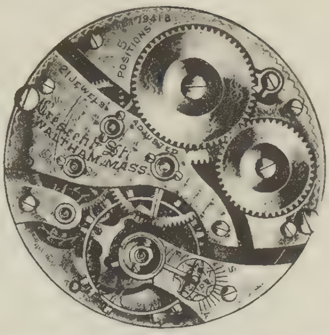
American Watch Co., Bridge Model, 16 size, 23 jewels, gold train, adjusted to HCI5P.

A.W.Co., Model 1888, 16 size, 11 jewels.

Grade or Name — Description	Avg	Ex-Fn	Mint
A. W. Co., 7J, M#1872, SW, HC ★	120	145	170
A. W. Co., 11J, M#1872, SW, HC ★	135	150	180
A. W. Co., 17J, M#1872, SW, DMK, GJS, DES ★★	140	175	225
A. W. Co., 7J, M#1899, SW DMK	65	75	85
A. W. Co., 9J, SW, NI	55	75	90
A. W. Co., 11J, M#1899, SW	60	70	80
A. W. W. Co., 7J, SW, M#1888	60	70	80
A. W. W. Co., 11J, M#1888	65	75	85
A. W. W. Co., 13J, M#1888	70	80	95
A. W. W. Co., 15J, M#1899	75	85	90
A. W. W. Co., 15J, M#1888, SW, Silveroid	55	65	75
A. W. W. Co., 15J, M#1888, SW	75	85	95
A. W. W. Co., 16J, M#1899, SW, DMK	75	85	95
A. W. W. Co., 17J, M#1899, SW	80	90	100
P. S. Bartlett, 17J, M#1899, OF	60	70	80
P. S. Bartlett, 17J, M#1899, HC	65	75	85
P. S. Bartlett, 17J, M#1908	65	75	85
Bond St., 7J, M#1888	55	65	75
Bond St., 11J, M#1888	60	70	80
Bond St. 15J, M#1888	60	70	80
Bond St., 7J, M#1899	55	65	75
Canadian Railway Time Service, M#1908	310	350	400
Crescent St., 19J, M#1899, HCI5P, LS, OF	95	105	135
Crescent St., 19J, M#1899, HCI5P, PS, OF	85	95	125
Crescent St., 19J, M#1899, HCI5P, Silveroid	55	75	80
Crescent St., 19J, M#1899, HCI5P, PS, HC	90	110	130
Crescent St., 21J, M#1899, HCI5P, PS, OF	100	110	125
Crescent St., 21J, M#1899, HCI5P, LS, OF	105	115	125
Crescent St., 21J, M#1899, HCI5P, PS, HC	95	110	130
Crescent St., 19J, M#1908, HCI5P, LS	75	85	95
Crescent St., 19J, M#1908, HCI5P, PS	70	75	90
Crescent St., 21J, M#1908, HCI5P, LS, OF	115	125	135
Crescent St., 21J, M#1908, HCI5P, PS, OF	100	110	120
Crescent St., 21J, M#1908, HCI5P, PS, HC	120	130	140
Crescent St., 21J, M#1908, HCI5P, LS, Wind Indicator	350	390	425



P.S. Bartlett, Model 1899, 16 size, 17 jewels, serial number 10014478.



Crescent Street, Model 1899, 16 size, 21 jewels, HCI5P, serial number 16179418.

Grade or Name — Description	Avg	Ex-Fn	Mint
Crescent St., 21J, M#1912, HCI5P, LS, Wind Indicator	350	390	425
Chronometro Superior, 21J, M#1899, LS	125	150	185
Chronometro Victoria, 21J, M#1888	105	120	135
Chronometro Victoria, 15J, M#1899, PS	65	75	85
Diamond Express, 17J, M#1888, PS, OF, Diamond End Stones	300	350	400
Equity, 7J, M#1908, PS	45	55	65
Hillside, 7J, M#1868, ADJ	100	125	150
Hillside, 7J, M#1872, sweep sec.	250	300	400
Marquis, 15J, M#1899, PS	75	85	95
Marquis, 15J, M#1908, PS	75	85	95
Non-Magnetic, 15J, NI, HC	135	155	175
Park Road, 16-17J, M#1872, PS	100	120	140
Park Road, 11-15J, M#1872, PS	90	110	130
Premier, 9J, M#1908, PS, OF	55	65	75
Premier, 11J, M#1908	65	75	85
Premier, 15J, M#1908, LS, OF	75	85	95
Premier, 17J, M#1908, PS, OF	75	95	105
Premier, 17J, M#1908, PS, OF, Silveroid	50	65	70
Premier, 21J, M#1908, Silveroid	65	75	80
Premier, 21J, M#1908, LS, OF	90	105	120
Premier Maximus, 23J, M#1908, GT, gold case, LS, GJS, HCI6P, WI, DR, 18K ★★	8,000	8,500	9,500
Premier Maximus, 23J, M#1908, GT, HCI6P, YGF case ★★	4,000	4,500	5,000
Railroader, 17J, M#1888, LS, NI ★★	300	350	425
Railroad King, 17J, 2-Tone	195	240	275
Railroad Watches with R. R. names on dial and movement, such as Canadian Pacific RR, Santa Fe Route, etc., M#s 1888, 1899, 1908	255	325	400
Repeater, 16J, M#1872, Coin, 5 min.	2,500	2,700	3,000
Repeater, 16J, M#1872, 5 min., 18K ★★	4,500	5,000	6,500
Repeater, 1 min. moon phase, M#1872, Perpetual Cal., 18K case ★★★	35,000	37,500	40,000

(Prices are with gold filled cases except where noted.)

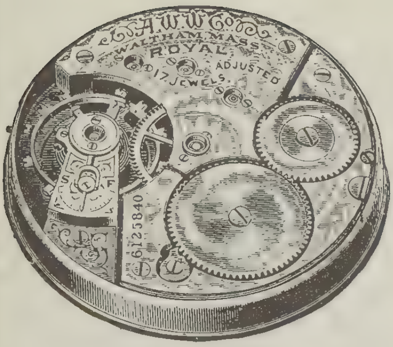
NOTE: Some grades are not included. Their values can be determined by comparing with similar models or grades listed.

Premier Maximus, "Premier" on movement, "Maximus" on dial, 16 size, 23 jewels (two diamond end stones), open face, pendant set, serial number 17000014.

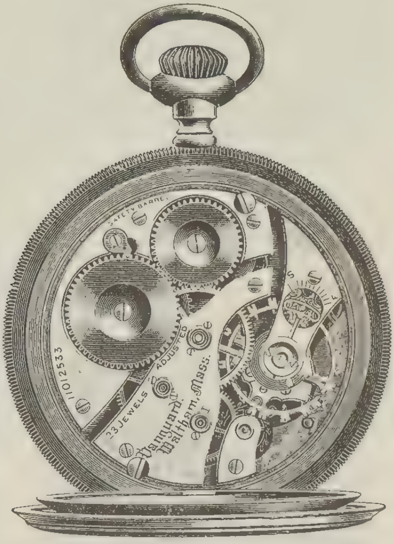
Riverside Maximus, Model 1899, 16 size, 23 jewels, gold train, gold jewel settings, diamond end stone, hunting case, serial number 12509200.

Grade or Name — Description	Avg	Ex-Fn	Mint
Riverside, 15J, M#1872, PS, NI	85	95	105
Riverside, 15J, M#1872, PS	65	75	85
Riverside, 16-17J, M#1888, NI, 14K	500	650	700
Riverside, 16-17J, M#1888, NI	75	85	95
Riverside, 17J, M#1888, gilded	55	65	75
Riverside, 15J, M#1888, gilded	45	55	65
Riverside, 17J, M#1899, LS, DR	85	100	115
Riverside, 17J, M#1899, LS, DR, Silveroid	45	55	60
Riverside, 19J, M#1899, LS, DR, OF	85	110	135
Riverside, 19J, M#1899, PS, DR	85	110	135
Riverside, 21J, M#1899, LS, DR	100	125	150
Riverside, 19-21J, M#1908, HCI5P, LS, DR	85	110	135
Riverside, 19J, M#1908, HCI5P, PS, DR	75	90	110
Riverside Maximus, 21J, M#1888, LS, ADJ, GJS, GT, DR ★★	475	525	600
Riverside Maximus, 21J, M#1888, LS, ADJ, GJS, GT, DR, HC, 14K ★★	750	800	950
Riverside Maximus, 21J, M#1899, PS, HCI5P, GJS, GT, DR	300	400	500
Riverside Maximus, 21J, M#1899, LS, HCI5P, GJS, GT, DR	400	500	600
Riverside Maximus, 23J, M#1899, LS, HCI5P, GJS, GT, DR	450	575	675
Riverside Maximus, 23J, M#1908, PS, HCI5P, GJS, GT, DR	400	525	625
Riverside Maximus, 23J, M#1908, LS, HCI5P, GJS, GT, DR	550	650	725
Riverside Maximus, 23J, M#1908, PS, HCI5P, GJS, GT, DR, HC	600	700	775
Riverside Maximus, 23J, M#1908, PS, HCI5P, GJS, GT, DR, 14K, HC	875	1,100	1,300
Riverside Maximus, 21J, M#1888, LS, GT, Diamond end stones ★★	500	600	700
Riverside Maximus, 21J, M#1899, LS, GT, Diamond end stone, OF ★	325	425	500
Riverside Maximus, 21J, M#1899, LS, GT, Diamond end stone, HC ★	450	550	650
Riverside Maximus, 23J, M#1908, LS, HCI5P, Wind Indicator ★★	2,200	2,400	2,800

Grade or Name — Description	Avg	Ex-Fn	Mint
Roadmaster, 17J, M#1899, LS	200	250	300
Royal, 15J, M#1872, PS	55	65	75
Royal, 17J, M#1888, PS, OF	55	65	75
Royal, 17J, M#1888, PS, HC	55	65	75
Royal, 17J, M#1899, HCI5P, Silveroid	45	50	60
Royal, 17J, M#1899, LS, HCI5P	75	85	95
Royal, 17J, M#1899, PS, HCI5P	65	75	85
Royal Special, 17J, M#1888	75	85	95



Royal, Model 1888, 16 size, 17 jewels, adjusted, serial number 6125840.



Vanguard, Model 1908, 16 size, 23 jewels, diamond end stone, gold jewel settings, exposed winding gears, serial number 11012533.

Grade or Name — Description	Avg	Ex-Fn	Mint
Sol, 7J, M#1888	45	55	65
Sol, 7J, M#1908	45	55	65
Stone Movement (crystal top & bottom plates), 16J, M#1872, GJS, HCI5P ★★	4,500	6,000	8,000
Traveler, 7J, M#1888, 1899, 1908	45	55	65
Vanguard, 19J, M#1899, PS, LS, HCI5P, GJS, DR, OF	100	125	160
Vanguard, 19J, M#1899, PS, LS, HCI5P, GJS, DR, HC	110	135	175
Vanguard, 21J, M#1899, HCI5P	100	125	160
Vanguard, 23J, M#1899, HCI5P, HC	150	170	185
Vanguard, 23J, M#1899, HCI5P, Silveroid	80	85	95
Vanguard, 23J, M#1899, LS, HCI5P, GJS, DR, OF	135	160	180
Vanguard, 23J, M#1899, PS, HCI5P, GJS, DR, OF	125	140	160
Vanguard, 23J, M#1899, PS, Wind Indicator, HCI5P, GJS, DR	375	425	475
Vanguard, 19J, M#1908, LS & PS, HCI5P, GJS, DR	90	125	150
Vanguard, 21J, M#1908, HCI5P, GJS, DR, Diamond end stone	165	180	200

AMERICAN WALTHAM WATCH CO., 16 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Vanguard, 21J, M#1908, HCI5P, GJS, DR, PS, LS	95	105	120
Vanguard, 21J, M#1908, HCI5P, GJS, DR, PS, LS, Silveroid	75	80	85
Vanguard, 23J, M#1908, LS, HCI5P, GJS, DR	125	150	175
Vanguard, 23J, M#1908, LS, HCI5P, GJS, DR, Multi-Color Case, YGF, OF	195	210	250
Vanguard, 23J, M#1908, PS, HCI5P, GJS, DR	115	140	160
Vanguard, 23J, M#1908, HCI5P, Wind Indicator, GJS, DR	325	425	450
Vanguard, 23J, M#1908, HCI5P, GJS, Diamond end stone	165.00	180	225
Vanguard, 23J, M#1908, HCI5P, GJS, HC	225	250	295
Vanguard, 23J, OF, LS or PS, 14K	350	500	600
Vanguard, 23J, M#1908, HCI6P, Wind Indicator, GJS, DR	325	425	475
Vanguard, 23J, M#1908, HCI6P, Wind Indicator, Lossier, GJS, DR	375	425	475
Vanguard, 23J, M#1912, Press Jewels	125	140	175
Vanguard, 23J, M#1912, PS, military (case), Wind Indicator	300	400	500
George Washington, 11J, M#1857	200	240	275

9524701
17 JEWELS
A.W.W.Co.
WALTHAM, MASS.
ADJUSTED

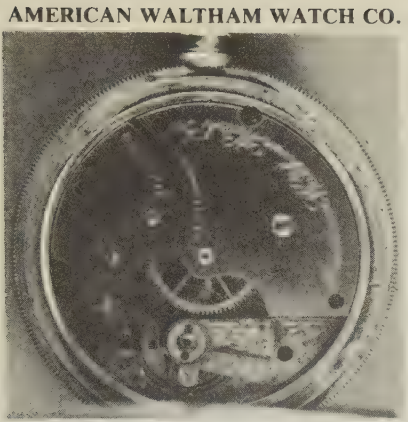
Grade 630, Model 1899, 16 size, 17 jewels, adjusted, serial number 9524701.

Grade 645, Model 1899, 16 size, 21 jewels, adjusted to HCI5P, gold center wheel.

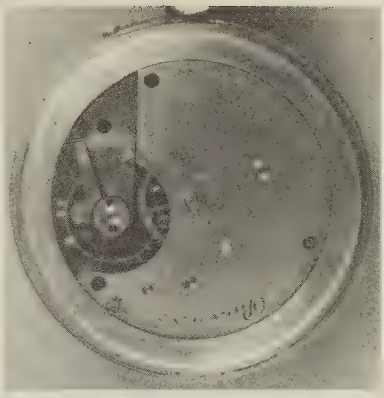
Grade or Name — Description	Avg	Ex-Fn	Mint
M#665, 19J, GJS, BRG, HC ★★	850	1,000	1,200
M#1888, G #s 650, 640	65	75	85
M#1899, G #s 610, 615, 618, 620, 625, 628, 630	65	75	85
M#1908, G #s 610, 611, 613, 614, 618, 620, 621, 623, 625, 628, 630, 635, 636, 637, 640, 641, 642	65	75	85
M#645, 21J, GCW, OF, LS	95	110	135
M#645, 19J, OF, LS	90	105	120
M#16A, 22J, HCI3P, 24 hr. dial	95	115	135
M#1621, 21J, HCI5P	95	110	125
M#1623, 23J, HCI5P	115	140	160

Note: All prices are with gold filled cases, except where otherwise noted.

Note: Some grades are not included. Their values can be determined by comparing with similar models or grades listed.



American Waltham Watch Co., Model 1884, 14 size, 7 jewels, stem wind, serial number 4601035.

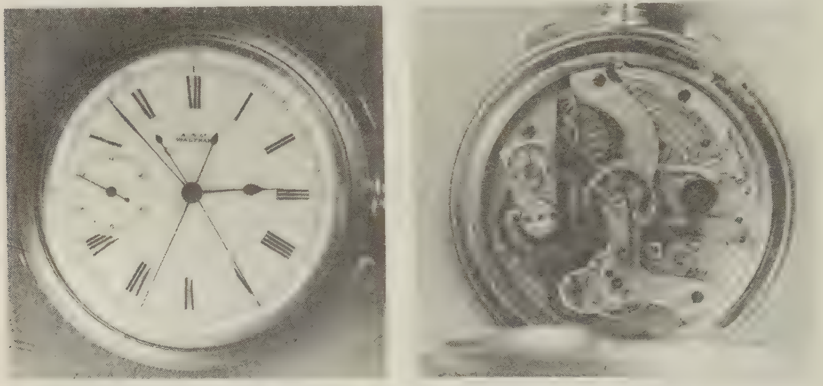


Bond St., 14 size, 7 jewels, stem wind, open face, note pin set, serial number 2437666, c. 1884.

14 SIZE
MODELS 14KW, 1874, FULL PLATE 1884, 1895, 1897, COLONIAL-A

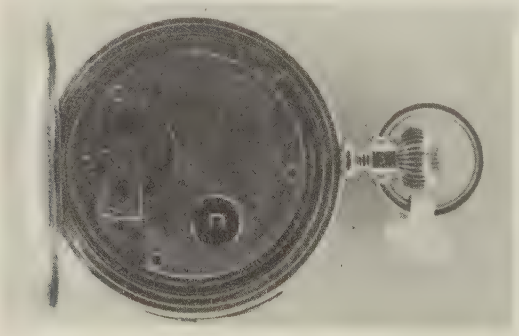
Grade or Name — Description	Avg	Ex-Fn	Mint
Adams Street, 7J, M#14KW, ¾, KW, Coin	$110	$145	$165
Adams Street, 11J, M#14KW, ¾, KW, Coin	125	150	175
Adams Street, 15J, M#14KW, ¾, KW	150	200	250
A. W. Co., 7J, M#14KW, ¾, KW	65	75	85
A. W. W. Co., 7J, M#1874, SW, LS, HC	60	70	75
A. W. Co., 15-16J, M#1874, ¾, SW	65	75	85
A. W. Co., 7-11J, M#s FP, 1884, & 1895	45	55	65
A. W. Co., 13J, M#1884	50	55	65
Am. Watch Co., 7-11J, KW, ¾	75	95	125
Am. Watch Co., 13J, M#1874, ¾, SW	50	65	80
Am. Watch Co., 15J, M#1874, ¾	125	150	175
Am. Watch Co., 16J, M#1874, ¾, SW	75	80	100
Am. Watch Co., 7-11J, M#FP, KW	55	65	75
Am. Watch Co., 16J, M#1884, ¾, SW	75	85	95
Am. Watch Co., 15J, M#1897, SW	45	55	65
Bond St., 7J, M#1895, ¾, SW	45	60	75
Bond St., 9J, M#1884, ¾, KW	55	65	75
Bond St., 7J, M#1884, ¾, SW, PS	75	85	95
Beacon, 15J, M#1897, ¾, SW	45	55	65
Chronograph, 13J, M#1884, 14K, OF	600	725	850
Chronograph, 13J, M#1884, 14K, HC	700	800	900
Chronograph, 13J, M#1884, 18K, HC	950	1,050	1,150
Chronograph, 13J, M#1884	175	255	325
Chronograph, 15J, M#1884	185	265	350
Chronograph, 17J, M#1884	195	270	375
Chronograph, 15J, M#1874, split second, 14K ★★	1,000	1,250	1,500
Chronograph, 15J, M#1874, split second, min. register, 14K ★★	1,200	1,600	2,000

Grade or Name —Description	Avg	Ex-Fn	Mint
Chronograph, 16J, double dial, M#1874, 14K	2,000	2,500	3,000
Chronometro Victoria, 15J, M#1897, ¾	75	85	95
Church St., 7J, M#1884, ¾	45	65	75
Crescent Garden, 7-11J, M#14KW, KW	70	85	100
Crescent Garden, 7J, M#FP, KW	70	80	90
Wm. Ellery, 7J, M#1874, SW	45	55	65
Gentleman, 7J, M#1884, SW	45	65	85
Hillside, 7-15J, M#1874, SW	50	60	70
Hillside, 7-11J, M#FP, SW	45	55	65
Hillside, 7-13J, M#1884, ¾, KW	45	55	65
Hillside, 11J, M#1884, ¾, KW	65	85	105
Hillside, 15J, M#1884, ¾, SW	80	90	100



Chronograph, Model 1874-Split Second, 14 size, 15 jewels; example of face and movement, stem wind, gold escape wheel, gold train, serial number 303094.

Grade or Name — Description	Avg	Ex-Fn	Mint
Maximus, 21J, M#Colonial A	65	75	85
Maximus, 21J, M#Colonial A, 14K	300	350	450
Night Clock, 7J, M#1884, KW	55	65	75
Repeater, 16J, M#1884, SW, LS, 14K	3,000	4,500	5,850
Repeater, 16J, M#1884, SW, LS, 18K	4,500	5,500	6,500
Repeater, 16J, M#1884, SW, LS, Coin	2,500	2,700	3,000
Repeater (5 Min.), 18K, HC ★★	4,500	5,500	6,500
Repeater (1 Min.), perpetual calendar, moon phase, 18K ★★★	30,000	35,000	40,000



Five Minute Repeater, Model 1884, 14 size, 13-15 jewels, hunting case, slide actuated, serial number 2809551.

AMERICAN WALTHAM WATCH CO., 14 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Riverside, 11-15J, M#s 1874, HC ★	100	125	150
Riverside, 15J, M#1884	55	60	75
Riverside, 19-21J, M#Colonial A ★★	125	150	175
Royal, 11-13J, M#s 1874, 1884	45	55	65
Seaside, 7-11J, M#1884, SW	45	55	65
Special, 7J, M#1895, HC, Coin	95	105	120
Sterling, 7J, M#1884	45	55	65
Stone Movement, M#1874, 14K ★★★	4,000	4,500	5,000

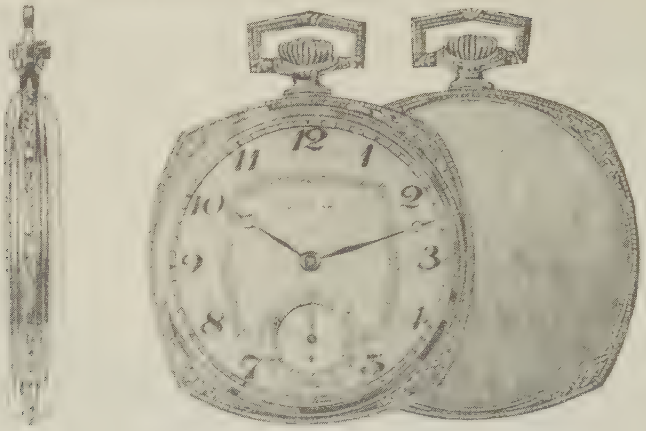
12 SIZE

MODELS KW, 1894, BRIDGE, COLONIAL SERIES

Grade or Name — Description	Avg	Ex-Fn	Mint
A. W. W. Co., 7J, M#1894, 14K, OF	$190	$200	235
A. W. W. Co., 11J, M#1894, Colonial	45	50	55
A. W. W. Co., 15J, M#1894, Colonial	55	60	65
A. W. W. Co., 15J, M#1894, Colonial, 14K, HC	200	240	300
A. W. W. Co., 17J, M#1894, Colonial	65	70	75
A. W. W. Co., 17J, M#1894, Colonial, 14K OF	200	245	310
American Watch Co., 21J, M#1894, BRG	200	250	300
P. S. Bartlett, 19J, M#1894, 14K, HC	200	240	300
P. S. Bartlett, 19J, M#1894	65	70	75
Bond St., 7J, M#1894	45	55	65
Bridge Model, 19J, GJS, HCI5P, GT	85	105	135
Bridge Model, 19J, GJS, HCI5P, GT, 18K, HC	400	450	475
Bridge Model, 21J, GJS, HCI5P, GT	95	120	150
Bridge Model, 23J, GJS, HCI5P, GT	125	150	175
Duke, 7-15J, M#1894	65	70	75
Elite, 17J, OF	55	65	75
Ensign, 7J, OF	45	50	60
Martyn Square, 7-11J, M#KW	175	210	265
Maximus, 21J, GJS, GT	75	85	95
Premier, 17-19J, M#1894	65	80	95
Premier, 21J, M#1894	75	80	110
Riverside, 17-19J, M#1894, Colonial	60	70	80
Riverside, 19-21J, M#1894, Colonial	70	80	90
Riverside, 19-21J, M#1894, Colonial, 14K, HC	225	260	325

A.W.W.Co., Model 1894, 12 size, 7-11 jewels, open face or hunting.

Riverside, Colonial series, 12 size, 19 jewels, open face or hunting, adjusted to HCI5P, double roller.



Actual size illustration of a cushion sytle shaped watch depicting thinness with emphasis on style and beauty. This watch was popular in the 1930's.

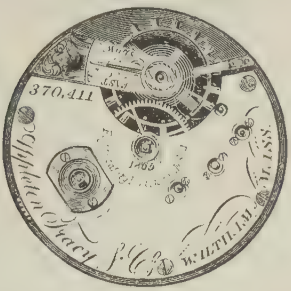
Grade or Name — Description	Avg	Ex-Fn	Mint
Riverside Maximus, 21J, M#1894, Colonial, GT, GJS, 14K	400	425	450
Riverside Maximus, 21J, M#1894, Colonial, GT, GJS	170	190	220
Riverside Maximus, 23J, M#1894, Colonial, GT, GJS	190	220	250
Riverside Maximus, 23J, M#1894, Colonial, GT, GJS, 14K	500	575	650
Royal, 17J, OF, PS	45	50	60
Royal, 17J, OF, PS, Coin	40	45	55

10 SIZE
MODEL KW, 1861, 1874

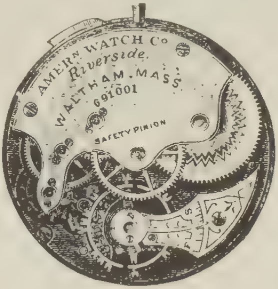
NOTE: These watches (excluding Colonial) are usually found with solid gold cases, and are therefore priced accordingly. Without cases, these watches have very little value due to the fact the cases are difficult to find. Many of the cases came in octagon, decagon, hexagon, cushion and triad shapes.

Grade or Name — Description	Avg	Ex-Fn	Mint
Am. W. Co., 7-15J, M#1874, KW, 14K	$200	$235	$275
American Watch Co., 11-15J, M#1874, 14K	250	300	350
Appleton, Tracy & Co., 15J, M#1861, 14K	200	235	290
Appleton, Tracy & Co., 15J, M#1861, 18K multi-color box case	800	900	1,000
P. S. Bartlett, 11J, M#1861, KW, 14K	275	300	325
P. S. Bartlett, 13J, M#KW, gold balance, 1st S#45,801, last 46,200, 14K, Pat. Nov. 3, 1858 ★★	275	375	425
P. S. Bartlett, 13J, M#KW, gold balance, 18K	400	450	500
P. S. Bartlett, 13J, M#1861, KW, 14K	200	300	325
Crescent Garden, 7J, M#1861, KW, 14K	200	245	290
Wm. Ellery, 7,11,15J, M#1861, KW, 14K	200	245	290
Home W. Co., 7J, M#1874, KW, 14K	200	235	275
Martyn Square, 7-11J, M#1861, 14K	200	250	300
Maximus "A", 21J, 14K ★★	325	400	490
Maximus "A", 23J ★★	335	420	500

Grade or Name — Description	Avg	Ex-Fn	Mint
Riverside, 19J, HCI5P, GF	75	85	95
Riverside Maximus, 19-21J, HCI5P, GJS, GF	100	150	200
Riverside Maximus, 19-21J, HCI5P, GJS, 18K	450	500	550
Riverside Maximus, 23J, HCI5P, GJS, GF	175	225	275
Royal, 15J, HCI5P, GF	65	70	80


370,411
Appleton Tracy & Co.
Waltham, Mass.

Appleton Tracy & Co., Model 10KW, 10 size, 11-15 jewels, key wind and set from back, serial number 370411.

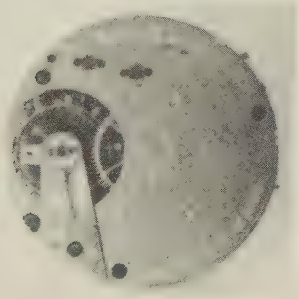


Am. W. Co., Model 1873, 8 size, 15 jewels, serial number 691001.

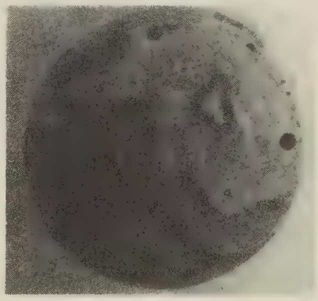
8 SIZE
MODEL 1873

NOTE: Collectors usually want solid gold cases in small watches. The gold case value must be added to price listed.

Grade or Name — Description	Avg	Ex-Fn	Mint
Am. W. Co., 15J, M#1873, 14K, Multi-Color Box Hinge Case	$500	$675	$850
Am. W. Co., 15J, M#1873	65	75	85
P. S. Bartlett, 15-16J, M#1873	65	75	85
Wm. Ellery, 7-11J, M#1873	45	55	65
Wm. Ellery, 7J, 14K, HC	200	235	275
Riverside, 7-11J, M#1873, 18K, HC, 24 DWT	400	425	450
Riverside, 7-11J, M#1873	65	75	85
Royal, 7-13J, M#1873	45	55	65



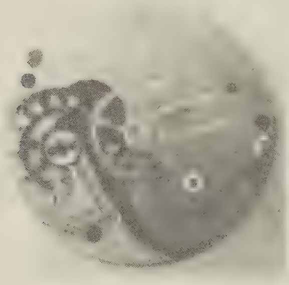
Wm. Ellery, Model 1873, 8 size, 7 jewels, ¾ plate, serial number 2679907.



Riverside, Model 1873, 8 size, 7 jewels, serial number 931395.

6 SIZE
MODEL 1873, 1889

Grade or Name — Description	Avg	Ex-Fn	Mint
A,B,C,D,E,F,G,H,J,K	$65	$75	$85
A,B,C,D,E,F,G,H,J,K, 14K, HC	200	235	275
A. W. W. Co., 19J, 18K, HC	275	350	425
A. W. W. Co., 19J, 14K, Multi-Color gold case	500	625	775
A. W. W. Co., 7J, M#1873	65	75	80
A. W. W. Co., 15J, multi-color GF HC	175	200	230
A. W. W. Co., 11J, HC, LS	90	105	125
Am. W. Co., 7J, M#1889	55	65	75
American W. Co., 7J, KW & KS from back, 10K, HC	225	250	275
Wm. Ellery, 7J, M#1873	55	65	75
Lady Waltham, 16J, M#1873, Demi, HC, 14K	280	310	340
Lady Waltham, 16J, M#1873, 18K	375	425	475
Riverside Maximus, 21J, GT, DR	225	250	280
Riverside, 15-17J, PS	75	85	95
Seaside, 7J, M#1873	55	65	75



American Watch Co., Model 1889, 6 size, 7 jewels, serial number 4700246.

Stone Movement, Crystal Plate, size 4, 16 jewels, gold train, open face, serial number 28.

4 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Stone Movement, 4 size, crystal, 16 ruby jewels in gold settings, gold train, exposed pallets, compensation balance adjusted to temperature, isochronism, position, Breguet hairspring, and crystal top plate, 14K ★ ★ ★	$4,500	$5,500	$6,500

0 SIZE
MODELS 1882, 1891, 1900, 1907

NOTE: The 0 Size is more collectable in solid gold cases. The prices listed are for gold filled cases.

Grade or Name — Description	Avg	Ex-Fn	Mint
A. W. Co., 7J, 14K, HC	$200	$245	$300
A. W. Co., 7J, SW	40	50	60

Lady Waltham, Model 1900, 0 size, 16 jewels, open face or hunting, adjusted, stem wind, pendant set, originally sold for $26.00.

A.W. Co., Model 1891, 0 size, 7 jewels, stem wind, originally sold for $13.00.

Grade or Name — Description	Avg	Ex-Fn	Mint
A. W. Co., 11J, ¾, SW, OF & HC	40	50	60
American Watch Co., 15J, ¾, SW, OF & HC	50	60	70
American Watch Co., 15J, ¾, SW, 14K, HC	200	250	300
P. S. Bartlett, 11J, M#1891, OF, 14K	125	140	185
P. S. Bartlett, 16J, 14K, HC	200	250	300
Lady Waltham, 15J, ¾, SW, 14K, HC	245	285	325
Lady Waltham, 15-16J, ¾, SW, OF & HC	60	70	80
Maximus, 19J, ¾, SW, OF & HC	150	175	200
Riverside, 15,16,17J, ¾, SW, OF & HC	60	70	80
Riverside, 15,16,17J, ¾, SW, OF & HC, 14K	175	230	275
Riverside Maximus, 21J, GT, multi-color gold case	500	675	800
Riverside Maximus, 21J, ¾, GT	175	200	275
Riverside Maximus, 19J, ¾, SW, OF, HC	150	175	250
Riverside Maximus, 19J, ¾, HC, 14K	400	435	475
Royal, 16J, ¾, SW, OF & HC	45	55	75
Seaside, 15J, ¾, SW, HC, 14K	200	235	275
Seaside, 11J, ¾, SW, OF, multi-color dial	125	150	225
Seaside, 11J, ¾, SW, OF & HC	40	50	60
Seaside, 7J, ¾, HC	40	50	60
Seaside, 7J, ¾, HC, 14K	195	245	300
Special, 11J, M#1891, OF, 14K	175	225	275

JEWEL SERIES 6/0

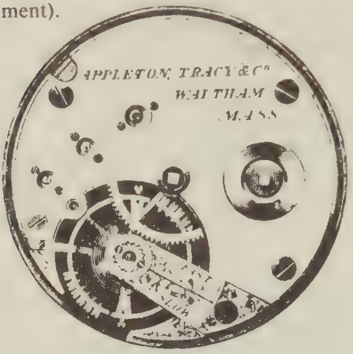
Grade or Name — Description	Avg	Ex-Fn	Mint
Riverside J Size, 17J, HC, 14K	$150	$225	$300
Ruby J Size, 15J, OF, 14K	145	220	295
Sapphire, 15J, OF, 14K	135	185	255

Riverside, Jewel series, 6/0 size, 17 ruby jewels, raised gold settings, gold center wheel.

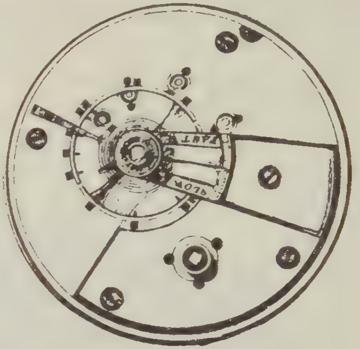
Ruby, Jewel Series, 6/0 size, 15 jewels, adjusted to temperature, open face or hunting.

AMERICAN WALTHAM WATCH CO.
IDENTIFICATION OF MOVEMENTS
BY MODEL NUMBER

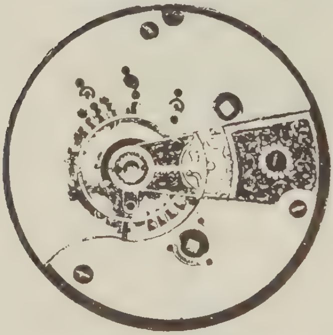
How to Identify Your Watch: Compare the movement of your watch with the illustrations in this section. Upon matching the movement exactly, the model number and size can be determined. While comparing, note the location of the balance, jewels, screws, gears and type of back plate (Full, ¾, Bridge) which will be clues to identifying the movement you have. Having determined the size and model number, you can now find your watch in the main price listing by name or number (which is engraved on the movement).


APPLETON, TRACY & Co
WALTHAM
MASS

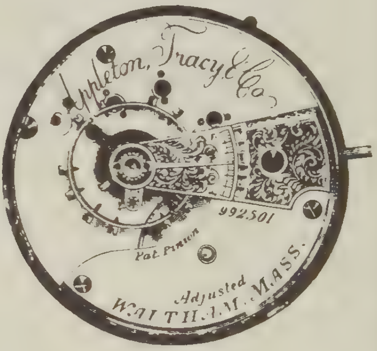
20 size key wind model



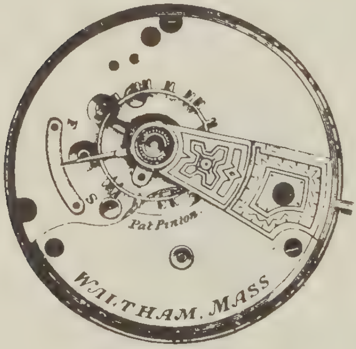
Model 1857, KW, KS



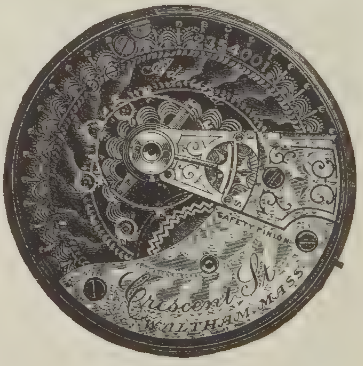
Model 1870, KW, KS from back


Appleton, Tracy & Co
992501
Pat Pinion
Adjusted
WALTHAM. MASS.

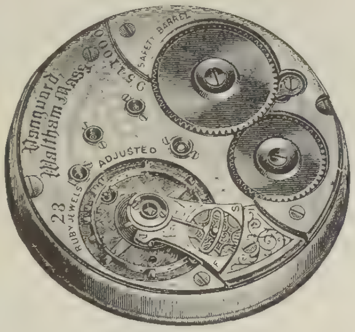
Model 1877, 18 size


Pat Pinion
WALTHAM. MASS

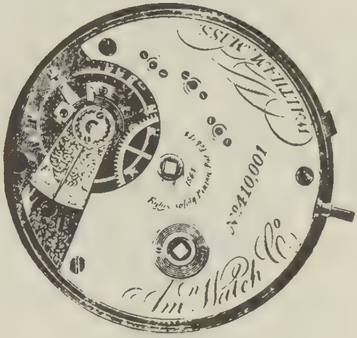
Model 1879, 18 size


SAFETY PINION
Crescent St
WALTHAM. MASS

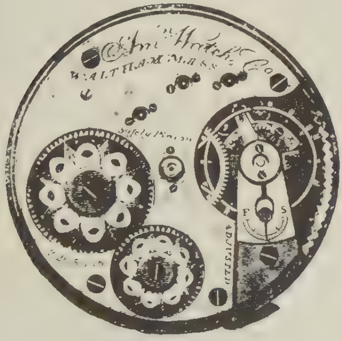
Model 1883, 18 size


Vanguard
Waltham Mass
23
RUBY JEWELS
ADJUSTED
SAFETY BARREL

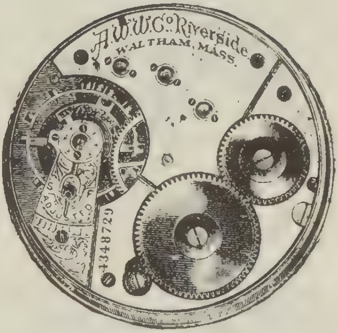
Model 1892, 18 size


Am.n Watch Co.
Waltham Mass
No. 410,001

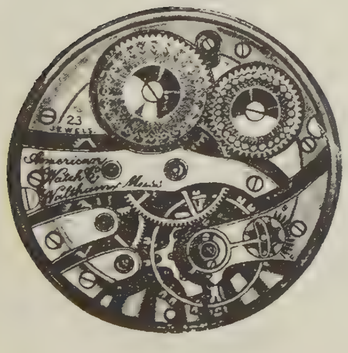
Model 1868, 16 size


Am.n Watch Co.
WALTHAM, MASS
Safety Pinion
ADJUSTED
F
S

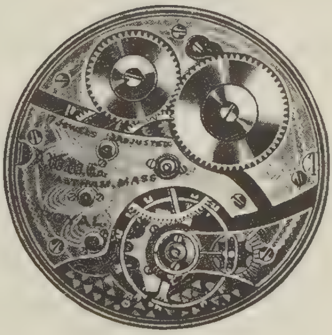
Model 1872, 16 size


A.W.W.Co. Riverside
WALTHAM, MASS.
ADJUSTED
4348729
S
F

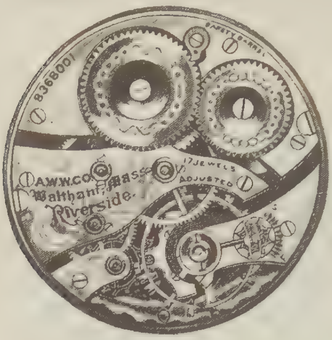
Model 1888, 16 size
Split plate


23
JEWELS
American
Watch Co.
Waltham Mass

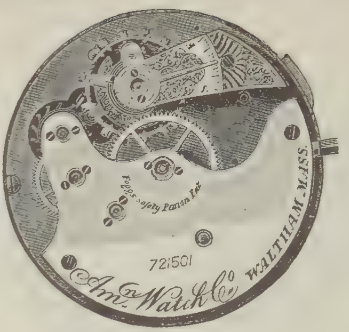
Bridge Model, 16 size


17 JEWELS
ADJUSTED
WALTHAM, MASS

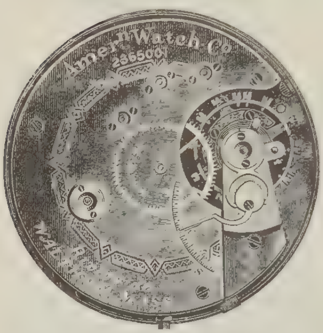
Model 1899, 16 size


8368001
SAFETY BARREL
A.W.W.CO. Waltham, Mass.
Riverside.
17 JEWELS
ADJUSTED

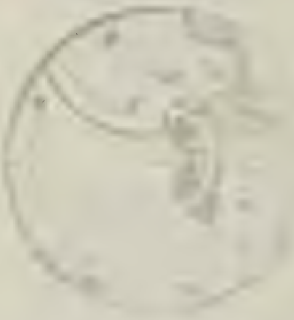
Model 1908, 16 size


Safety Pinion Pat
721501
Amn Watch Co
WALTHAM MASS.

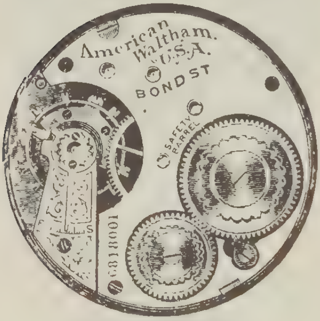
Model 1874, 14 size


Amern Watch Co
256500

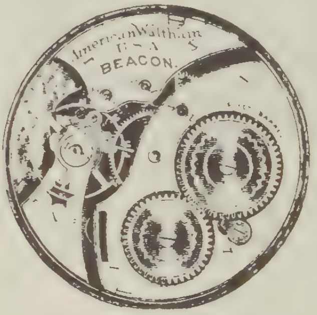
Model 1884, 14 size



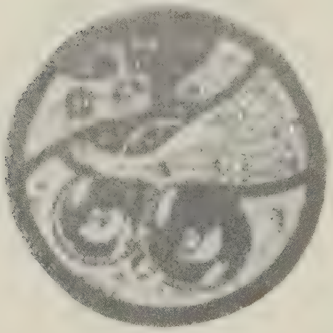
Model 1884, 14 size


American Waltham U.S.A.
BOND ST
SAFETY BARREL
6818001

Model 1895, 14 size

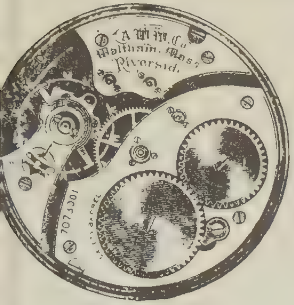

American Waltham U.S.A.
BEACON.

Model 1897, 14 size

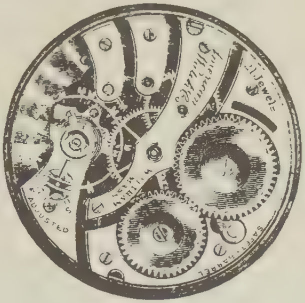


Colonial Series

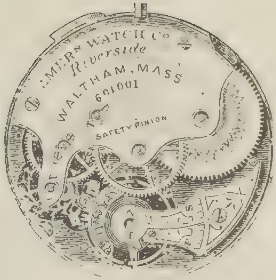
Colonial Series


A.W.W.Co
Waltham, Mass.
Riverside
7075001
SAFETY BARREL

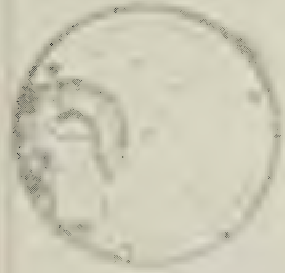
Model 1894, 12 size


Jewels
ADJUSTED
SAFETY BARREL

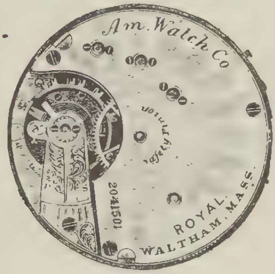
Model 1894, 12 size


AMERN WATCH Co
Riverside
WALTHAM, MASS
601001
SAFETY PINION

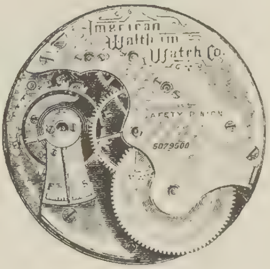
Model 1873, 8 size



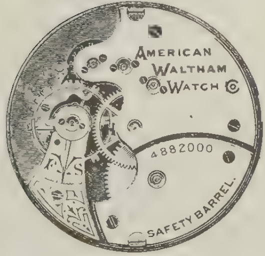
Model 1873, 8 size


Am. Watch Co
2041501
ROYAL
WALTHAM, MASS.

Model 1873, 6 size

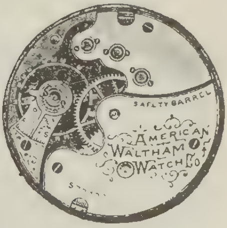

American
Waltham
Watch Co.
SAFETY PINION
5079500

Model 1889, 6 size

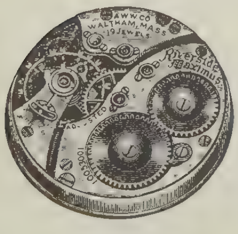

AMERICAN
WALTHAM
WATCH Co
4882000
SAFETY BARREL.

Model 1890, 6 size

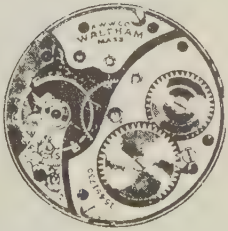
Model 1882, 1 size


SAFETY BARREL
AMERICAN
WALTHAM
WATCH Co

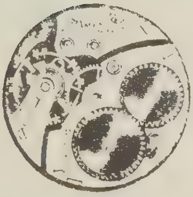
Model 1891, 0 size


A.W.W.CO
WALTHAM, MASS
19 JEWELS
Riverside
Maximus
ADJUSTED

Model 1900, 0 size


A.W.W.CO
WALTHAM
MASS

Model 1907, 0 size



Jewel Series

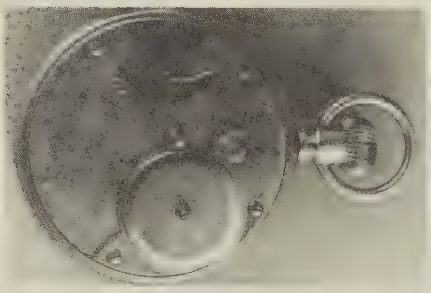
ANSONIA CLOCK COMPANY

Brooklyn, New York
Manufactured watches from
1940 — 1929

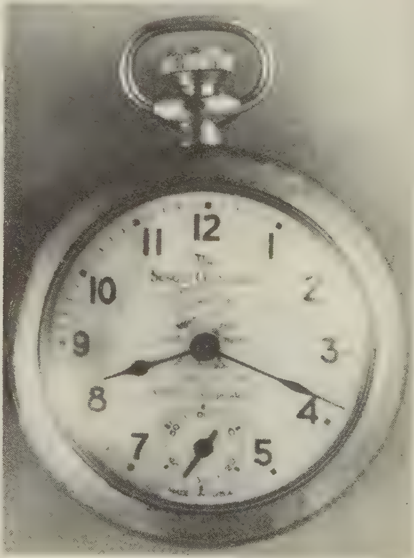
The Ansonia Watch Co. was owned by the Ansonia Clock Company in Ansonia, Connecticut. Ansonia started making clocks in about 1850 and began manufacturing watches in 1904. They produced about 10,000,000 dollar-type watches. The company was sold to a Russian investor in 1930. "Patented April 17, 1888," is on the back plate of some Ansonia watches.

Some of the watches produced by Ansonia were marketed under different labels: Ascot, Bonnie Laddie Shoes, Dispatch, Loeser, Lenox, Picadilly, Mentor, Guide, Rural, H. Rosenburg Special, Turor, Superior, and The Sesqui-Centennial.

Description	Avg	Ex-Fn	Mint
Ansonia White Dial	$20	$25	$35
Ansonia Radium Dial	35	45	55
Ansonia in NI case, Black Dial	25	35	45
Ascot	35	50	65
Bonnie Laddie Shoes	50	95	135
Dispatch	25	40	55
Faultless	35	40	50
Guide	35	50	65
Lenox	30	35	45
Mentor	25	35	45
Tom Mix	150	175	200
Picadilly	35	45	55
Rural	25	40	60
Sesqui-Centennial	150	175	200
Superior	35	50	65
Tutor	35	50	65



Ansonia Watch Company. Example of a basic movement, 16 size, stem wind.



Sesqui-Centennial, Philadelphia, 1776-1926, 150 years of American Independence.

APPLETON, TRACY & CO.

Waltham, Massachusetts

1857 — 1859

(See The American Watch Co.)

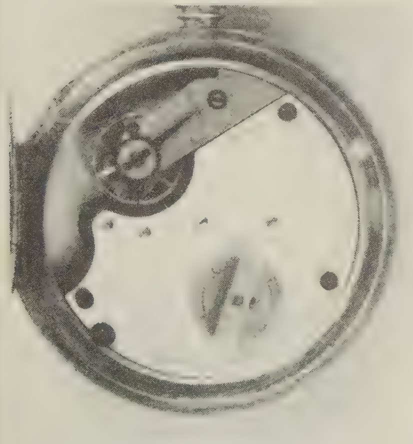
APPLETON WATCH CO.
(REMINGTON WATCH CO.)

Appleton, Wisconsin

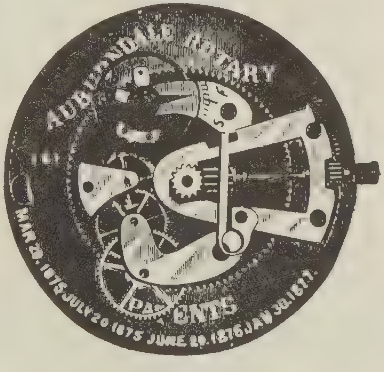
1901 — 1903

In 1901, O. E. Bell bought the machinery of the defunct Cheshire Watch Company and moved it to Appleton, Wisconsin, where he had organized the Remington Watch Company. The first watches were shipped from the factory in February 1902; production ceased in mid-1903 and the contents were sold off before the end of that year. Most movements made by this firm were modified Cheshire movements and were marked "Appleton Watch Company." Advertisements for the firm in 1903 stated that they made 16 and 18 size movements with 11, 15, or 17 jewels. Serial numbers range from 90,000 to 95,000. During the two years they were in business, the company produced about 2,000 to 3,000 watches.

Description		Avg	Ex-Fn	Mint
18S, 7J, OF, NI, ¾, DMK, SW, PS	★★	$560	$675	$850
18S, 7J, OF, NI, ¾, DMK, SW, PS, Coin, OF	★★	425	500	595
16S, 7-11J, ¾, stem attached	★★	435	475	525



Auburndale Timer, 18 size, 7 jewels, stem wind, 10 minute, ¼ second jump timer.



Auburndale Rotary, 20 size, 2 jewels, lever set, stem wind, detent escapement.

AUBURNDALE WATCH COMPANY

Auburndale, Massachusetts

1879 — 1883

This company was the first to attempt an inexpensive watch. Jason R. Hopkins was issued two patents in 1875 covering the "rotary design." The rotary design eliminated the need of adjusting to various positions, resulting in a less expensive watch. The company was formed about 1876, and the first watches were known as the "Auburndale Rotary." In 1876, equipment was purchased from the Marion Watch Co. Auburndale produced about 3,230 watches before closing in 1883.

Grade or Name — Description	Avg	Ex-Fn	Mint
Auburndale Rotary, 20S, 2J, LS, SW, NI case, detent ★★★	$1,550	$2,000	$2,600
Auburndale Rotary, 18S, 2J, SW, LS, NI case, lever . . . ★★	800	1,500	2,000
Bentley, 18S, 7J, SW, LS, NI case	300	500	675
Lincoln, 18S, 7J, LS, NI case, KW	300	500	675
Auburndale Timer, 18S, 7J, SW, NI case, 10 min. timer, ¼ sec. jump, Chronograph	140	175	225
Auburndale Timer, 18S, 7J, KW, NI case, 10 min. timer, ¼ sec. jump with split seconds, Chronograph	750	1,000	1,250

AURORA WATCH CO.
Aurora, Illinois
1883 — 1890

Aurora Watch Co. was organized in mid-1883 with the goal of getting one jeweler in every town to handle Aurora watches. The first movements were 18S, full plate, and were first sold in the fall of 1884. There were several watches marked No. 1. The total production was about 215,000; over 100,000 were 18S, and some were 6S ladies' watches. For the most part Aurora produced medium to low grade and at one time made about 150 movements per day. The Hamilton Watch Co. purchased the company on June 19, 1890.

The "Guild" watch was made under special contract for the U. S. Jewelers Guild and carried the Guild trademark.

Eleven grades of hunter cases and open faces with stem wind, seven grades of key wind, and five grades with Brequet hairsprings for railroad service were made.

Description	Avg	Ex-Fn	Mint
18S, 7J, OF, KW	$150	$225	$325
18S, 11J, OF, KW	165	250	350

Aurora Watch Co., 18 size, 15 jewels.

Aurora Watch Co., 18 size, 11 jewels, serial number 42000. Note fifth pinion.

Description	Avg	Ex-Fn	Mint
18S, 15J, OF, KW	175	295	375
18S, 15 Ruby Jewels, 5th pinion	600	700	900
(The 5th pinion model is marked 15 ruby jewels, but has 17 jewels. This was Aurora's highest grade.)			
18S, 11J, HC, OF, SW, Coin	75	95	145
18S, 11J, HC, OF, SW, Gilded	95	150	175
18S, 15J, HC, OF, SW, Gilded	110	185	200
18S, 15J, Chronometer, ADJ, SW/LS, HC, NI	375	450	550
18S, made expressly for the guild	190	270	385
18S, 15J, OF, DMK, NI, GJS	175	250	325
6S, 13-15J, OF, HC	85	150	195

Estimated Serial Nos. and Production Dates

1885 - 60,000
1886 - 110,000
1887 - 160,000
1888 - 200,000
1889 - 215,000

BALL WATCH CO.
1879 — 1969

The Ball Watch Company did not manufacture watches but did help formulate the specifications of watches used for railroad service. Webb C. Ball of Cleveland, Ohio, was the general time inspector for over 125,000 miles of railroad in the U. S., Mexico, and Canada. In 1891 there was a collision between the Lake Shore and Michigan Southern Railways trains at Kipton, Ohio. The collision was reported to have occurred because an engineer's watch had stopped for about four minutes, then started running again. The railroad officials commissioned Ball to establish the timepiece inspection system. Ball knew that the key to safe operations of the railroad was the manufacturing of sturdy, precision timepieces. He also knew they must be able to withstand hard use and still be accurate. Before this time, each railroad company had its own rules and standards. After Ball presented his guidelines, most American manufacturers set out to meet these standards and soon a list was made of different manufacturers that produced watches of the grade that would pass inspection. Each railroad employee had a card that he carried showing the record of how his watch performed on inspection. Ball was also instrumental in the formation of the Horological Institute of America.

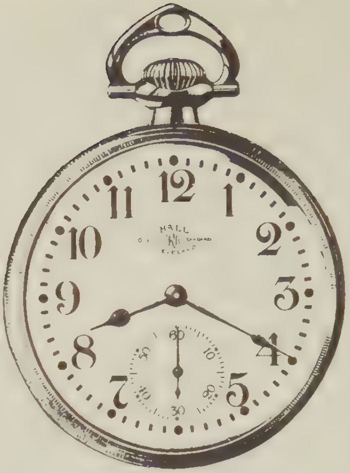
A 1902 advertisement for Ball Watch Company read, "We do not sell movements or cases separately."

Ball Railroad Watches were made to Ball's specifications by the following companies:

*E. Howard & Co.
Elgin Watch Co.
Hamilton Watch Co.
*Hampden Watch Co.
Illinois Watch Co.
*Seth Thomas Clock Co.
Waltham Watch Co.

*Very few made; difficult to find.

200,000 railroad watches, plus 150,000 non-railroad grade watches, were made and sold by the Ball Watch Co., totaling approximately 350,000.



Ball Watch Co. Motto: "Carry A Ball and Time Them All." This case is an example of Ball's patented Stirrup Bow. With the simple easy to read dial, this watch was a favorite among railroad men.

BALL'S FIRST STANDARDS FOR R.R. USE

1. Must be 18 or 16 size.
2. Must have a minimum of 17 jewels.
3. Must be a single roller.
4. Must be lever set.
5. Must have a Breguet hairspring.
6. Must have a patent regulator.
7. Must be adjusted to isochronism and 5 positions.
8. Must be adjusted to a rate of within 30 seconds a week.
9. Must have a standard mark or number stamped on back plate.

BALL ADDED THESE LATER:

10. Must have "adjusted 5 positions" stamped on the plate.
11. Must be a double roller.
12. Must have a plain Arabic dial.
13. Must have the winding stem at 12 o'clock.
14. Must be temperature adjusted for accuracy from 30 to 95 degrees F.

NOTE: Ball Watches are difficult to identify at first, but if one studies the market he can soon identify most of them. The manufacturer's serial number list can be useful. Prices shown are for watches with original Ball cases, which bring top dollar and are preferred by most collectors.

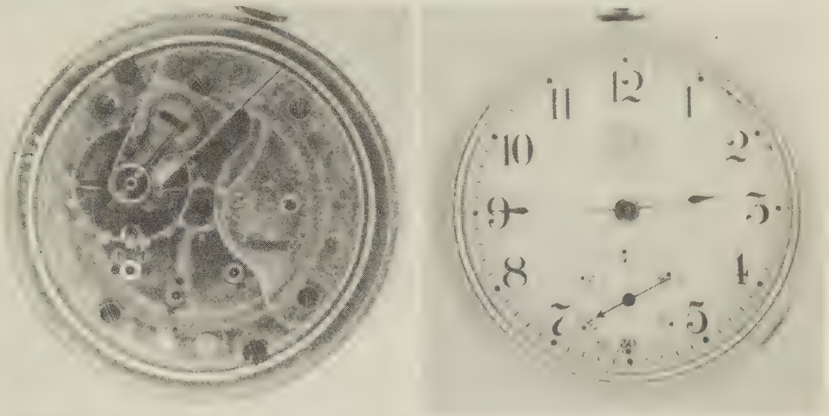
— RAILROAD-TYPE LIST ONLY —

BALL—AURORA
18 SIZE

Description	Avg	Ex-Fn	Mint
17J, marked Ball ....★★	$650	$700	$800

BALL—ELGIN
18 SIZE G. F. CASES

Description	Avg	Ex-Fn	Mint
16J, G#327, HC, LS ★	$185	$250	$350
17J, G#328, HC, LS ★	185	250	350
17J, G#328, Coin, HC, LS ★	150	180	240
17J, G#329, HC, LS ★	185	250	350
21J, G#330, HC, LS ★★	350	400	500
16J, G#331, NI, OF, HCI5P, PS	175	200	275
17J, G#331, NI, OF, HCI5P, PS	165	255	300
17J, G#332, OF, PS ★	165	255	300
17J, G#333, NI, OF, HCI5P, LS	175	200	285
21J, G#333, NI, OF, HCI5P, LS	250	325	390
21J, G#334, NI, OF, HCI5P, LS	250	325	390



Ball Watch Co., Brotherhood of RR trainmen, 18 size, 17 jewels, made by Hamilton. Movement and dial illustrated. Serial number 13020.

BALL—HAMILTON
18 SIZE G. F. CASES

Description	Avg	Ex-Fn	Mint
17J, M#999, NI, OF, HCI5P, LS, Coin	$150	$185	$275
17J, M#999, NI, OF, HCI5P, LS	180	265	325
17J, M#999, NI, OF, HCI5P, marked "Loaner" on case	185	320	375
19J, M#999, NI, OF, HCI5P, LS	195	275	375
21J, M#999, NI, OF, HCI5P, LS	235	300	400
23J, M#999, NI, OF, HCI5P, LS	2,500	3,500	4,500
Ball & Co., 17J, SR, Coin	450	600	750
Brotherhood of R.R. Trainmen, 14K, Multi-color case	2,000	2,550	3,000
Brotherhood of R.R. Trainmen, 17J	385	425	575
Brotherhood of Locomotive Engineers, 21J, M#999	650	700	900
Brotherhood of Locomotive Engineers, 17J, M#999	500	600	750
Official ORC Standard	650	750	950
Railroad Watch Co., 16J, OF, LS	700	800	1,000
Railroad Watch Co., 17J, OF, LS, Coin	600	700	950
17J, Off. Ball marked jewelers name ★	500	600	795

BALL—HAMILTON
16 SIZE G. F. CASES

Description	Avg	Ex-Fn	Mint
16J, M#976, 977, NI, OF, LS	$125	$150	$175
17J, M#974, NI, OF, LS	140	165	185
17J, M#974, NI, OF, LS, Coin	65	85	95
19J, M#999, NI, OF, LS	135	175	200
21J, M#999, NI, OF, LS	150	185	225
21J, M#999B, NI, OF, LS	185	225	275
21J, M#999, Coin case	95	135	160
21J, M#999 Loaner	170	200	225
23J, M#999B, NI, OF, LS	500	575	775
23J, M#998 Elinvar	600	700	1,050
23J, M#999, NI, OF, LS	500	575	700
Webb C. Ball, 21J, M#992-B, NI, OF, LS ★★★	600	750	900

BALL—HAMPDEN
18 SIZE

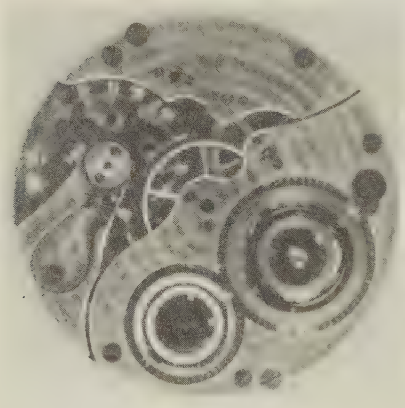
Description	Avg	Ex-Fn	Mint
17J, LS, SW, OF, marked "Superior Grade" ★★★	$1,350	$1,500	$1,850

BALL—E. HOWARD & CO.
18 SIZE

Description	Avg	Ex-Fn	Mint
17J, ¾, OF, PS, GJS, 18K, VIII ★★★	$2,500	$3,000	$4,500
17J, ¾, HC, PS, GJS, 18K, VII ★★★	3,500	4,000	5,000

BALL—E. HOWARD WATCH CO.
16 SIZE

Description	Avg	Ex-Fn	Mint
21J, OF, GJS	$2,500	$3,000	$4,500



Ball-E. Howard Watch Co., 16 size, 21 jewels (Keystone). This watch believed to be one-of-a-kind prototype, serial number 982201.

Ball & Co. (E. Howard & Co.), Series VIII, 18 size, 17 jewels, Order of Railway Conductors, serial number 307488, c. 1900.

FOR CANADA R.R. SERVICE

16S, ¾, LS, OF, GJS	$150	$175	$250

BALL—ILLINOIS
16 SIZE

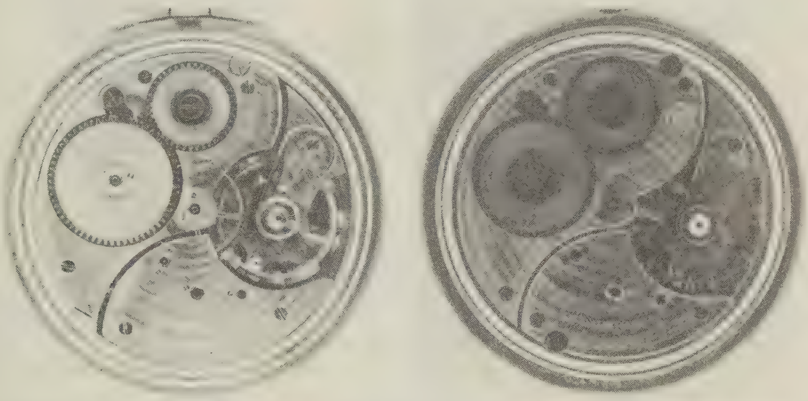
Description	Avg	Ex-Fn	Mint
23J, ¾, LS, OF, GJS ★★	$650	$775	$950
23J, ¾, LS, OF, GJS, 60 hr ★★	950	1,100	1,200

BALL—SWISS
16 SIZE

Description	Avg	Ex-Fn	Mint
21J, M#435-B, OF, LS, HCI6P	$200	$235	$285

BALL—SETH THOMAS
18 SIZE

Description	Avg	Ex-Fn	Mint
17J, M#3, LS, OF, ¾, GJS ★★	$1,500	$2,000	2,500



Ball-Illinois (left), **Ball-Waltham** (right), 16 size each. Note circular plate around balance wheel for Illinois movement as compared to the Waltham movement. Illinois serial number B801758; Waltham serial number B209377.

BALL—WALTHAM
18 SIZE

Description	Avg	Ex-Fn	Mint
1892, 15J, OF, LS, SW, marked Webb C. Ball, Cleveland ★★	$390	$450	$580

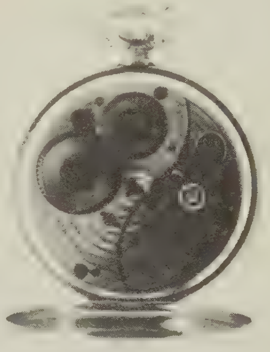
BALL—WALTHAM
16 SIZE

Description	Avg	Ex-Fn	Mint
15J, HC, GCW ★★	$325	$390	$425
17J, OF, LS, ¾, HCI5P, Multi-color case, GF	250	345	400

BALL—WALTHAM, 16 SIZE (continued)

Description	Avg	Ex-Fn	Mint
17J, OF, LS, ¾, HCI5P	145	195	275
19J, BLF&E	495	550	700
19J, OF, LS, 14K	575	690	775
19J, OF, LS, stirrup style case	175	225	275
19J, OF, LS, Coin	115	155	190
19J, OF, LS, ¾, HCI5P	175	195	225
19J, OF, LS, ¾, HCI5P, Wind Indicator ★★	2,000	2,500	3,500
21J, OF, LS, ¾, HCI5P	210	230	285
21J, LS, OF, HCI5P, marked Loaner	250	275	350
23J, LS, OF, HCI5P, NI, GJS ★	485	675	785

Ball-Waltham, 16 size, 19 jewels, ORC (Order of Railroad Conductors), serial number B204475.


Ball Watch Co. (Illinois), 12 size, 19 jewels, serial number B400910.

12 SIZE
(Not Railroad Grade)

Description	Avg	Ex-Fn	Mint
19J, OF, PS	$95	$135	$170
19J, HC, PS	165	200	275

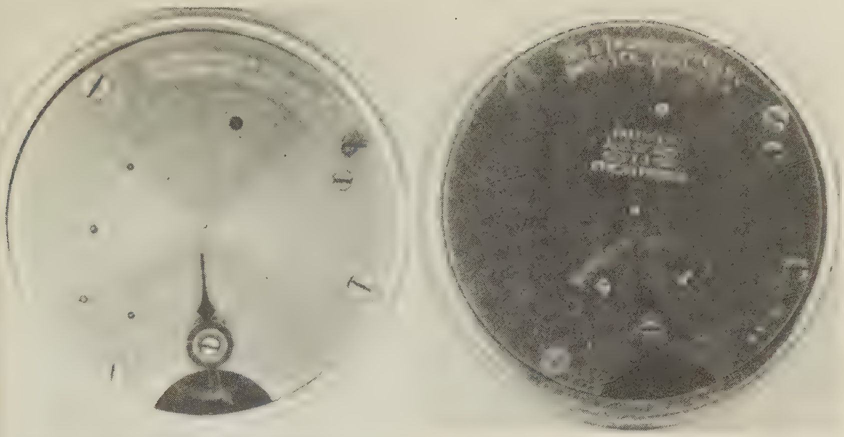
0 SIZE
(Not Railroad Grade)

Description	Avg	Ex-Fn	Mint
17-19J, OF, PS	$125	$275	$350
17-19J, HC, PS	175	325	425

BANNATYNE WATCH CO.
1905 — 1911

Mr. Bannatyne had previously worked for Ansonia, in charge of watch production. Bannatyne made non-jeweled watches that sold for about $1.50. Ingraham bought this company in 1912.

Description	Avg	Ex-Fn	Mint
18S, OF, SW, NI case ★	$50	$80	$125



Bannatyne Watch Co. (left), **Ingraham Watch Co.** (right). Note similarity of movements. Both patented Aug. 27th, 1907 & Sept. 3rd, 1907.

ESTIMATED SERIAL NUMBERS AND PRODUCTION DATES

Date	Serial No.
1906	40,000
1908	140,000
1910	250,000

BENNEDICT & BURNHAM MFG. CO.
Waterbury, Connecticut
1878 — 1880

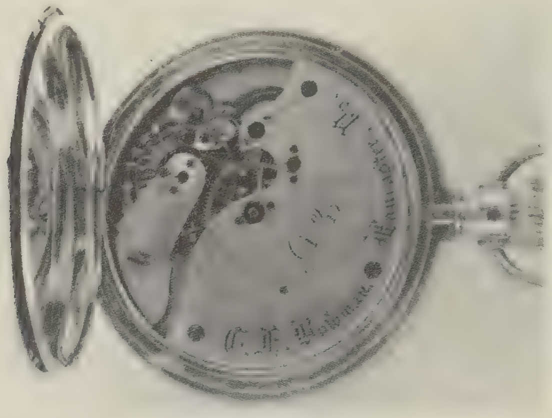
This name will be found on the dial of the first 1,000 "long wind" Waterbury watches made in 1878. These watches had skeleton type movements with open dials that made the works visible. They contained 58 parts and were very attractive. The company was reorganized in March 1880 as the Waterbury Watch Co. and in 1868 became the New England Watch Co.

Description	Avg	Ex-Fn	Mint
18S, long wind, NI case ★★	$900	$1,200	$1,350

BOSTON WATCH CO.
(See American Watch Co.)

BOWMAN WATCH CO.
Lancaster, Pennsylvania
1877 — 1882

In March 1879, Ezra F. Bowman, a native of Lancaster, Pa., opened a retail jewelry and watch business. He employed William H. Todd to supervise his watch manufacturing. Todd had previously been employed by the Elgin and Lancaster Watch



Bowman Watch Co., 16-18 size, 17 jewels, ¾ plate, gold jewel settings, lever set, stem wind. Note free sprung balance. Serial number 17, c. 1880.

companies. Bowman made a 17S, ¾ plate, fully-jeweled movement. The escape wheel was a star-tooth design, fully capped, similar to those made by Charles Frodsham, an English watchmaker. They were stem wind with dials made by another company. Enough parts were made and bought for 300 watches, but only about 50 watches were completed and sold. Those performed very well. The company was sold to J. P. Stevens of Atlanta, Ga.

Description	Avg	Ex-Fn	Mint
17S, 21J, ¾, GJS, NI, LS, SW .... ★★★	$7,500	$11,000	$14,000

ROBERT BROWN & SON
1833 — 1856
J. R. BROWN & SHARPE
1856

Providence, Rhode Island

Description	Avg	Ex-Fn	Mint
18S, KW, KS, FULL .... ★★★	$1,000	$1,500	$1,850

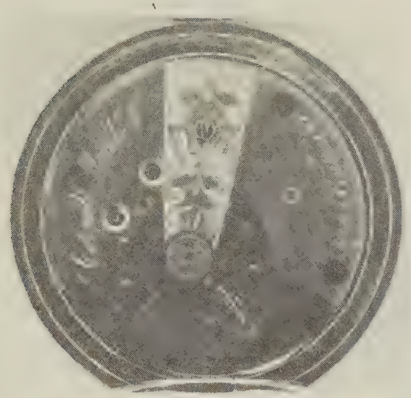
CALIFORNIA WATCH CO.
Berkeley, California
1876 — 1877

The Cornell Watch Co. was reorganized in early 1876 as the California Watch Co. The new company bought machinery to make watch cases of gold and silver. In a short while the company was in bad financial trouble and even paid its employees with watches. The business closed in the summer of 1876. Albert Troller bought the unfinished watches that were left. In about four months, he found a buyer in San Francisco. The factory was then closed and sold to the Independent Watch Co. Only about 5,000 wat-

CALIFORNIA WATCH CO. (continued)

ches were made by the California Watch Company. Serial numbers range from 25,115 to 30,174. Inscribed on the movements is "Berkeley."

Description	Avg	Ex-Fn	Mint
18S, 15J, FULL, KW, KS, "Berkeley" ★★	$1,250	$1,550	$2,200

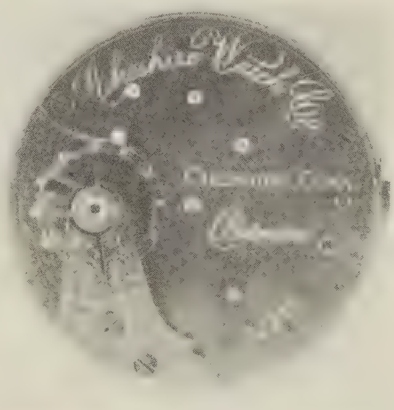


California Watch Co., 18 size, 15 jewels, full plate.

CHESHIRE WATCH CO.
Cheshire, Connecticut
1883 — 1890

In October 1883, the Cheshire Watch Company was formed by George J. Capewell with D. A. Buck (designer of the long-wind Waterbury) as superintendent. Their first movement was 18S, ¾ gilt plate, stem wind, stem set, with the pendant attached to the movement. It fit into a nickel case which was also made at the Cheshire factory. The first watches were completed in April 1885. A new 18S nickel movement with a second hand was made to fit standard size American cases and was introduced in 1887. By that date production was at about 200 watches per day. Serial numbers range from 200 to

Cheshire Watch Co., 18 size, 4-7 jewels. This model fits standard 18 size cases.



Cheshire Watch Co., 18 size, 4-7 jewels. This model was manufactured with stem attached and requires a special case.

89,650. All Cheshire watches were sold through L. W. Sweet, general selling agent, in New York City. The factory closed in 1890, going into receivership. The receiver had 3,000 movements finished in 1892. In 1901 O. E. Bell bought the machinery and had it shipped to Appleton, Wisconsin, where he had formed the Remington Watch Company. The watches produced by Remington are marked "Appleton Watch Co." on the movements.

Description	Avg	Ex-Fn	Mint
18S, FULL, OF, SW, NI case, stem attached ★★	$250	$350	$475
18S, 4-7J, ¾, SW, NI case ★	175	225	275
18S, 11J, HC, SW ★	185	240	280
18S, 15J, NI, ADJ ★	195	250	295
18S, 21J, HC, SW, Coin ★★	450	495	550
6S, ¾, OF, SW, NI case ★	85	100	145

Chicago Watch Co., 18 size, 15 jewels, open face, nickel movement, serial number 209145.

CHICAGO WATCH CO.
Chicago, Illinois
1898

The Chicago Watch Company's watches were 18S, 7J, open-faced, had silveroid type cases, and were produced at low cost. They are believed to have been made by another manufacturer and sold by Chicago Watch Co.

Description	Avg	Ex-Fn	Mint
18S, 7J, OF	$95	$125	$165
18S, 11J, KW	325	375	425
18S, 15J, OF, SW	175	250	325
Columbus, 18S, 15J, SW, NI, HC ★★	350	425	550
Illinois, 18S, 11J, SW, NI ★★	185	225	275
Waltham, 18S, 15J ★★	185	225	275
12S, 15J	140	175	225
12S, YGF, HC	165	190	250

Columbia Watch Co., 6 size, 4 jewels, stem wind, open face and hunting, duplex escapement.

COLUMBIA WATCH CO.
Waltham, Massachusetts
1896 — 1901

Edward A. Locke was the founder of the Columbia Watch Co. and made a few watches. Later he sold the company to the Suffolk Watch Co. in 1901. Suffolk then sold the company to the U. S. Watch Co.

Description	Avg	Ex-Fn	Mint
6S, 4J, SW, OF, HC, Duplex	$50	$75	$90

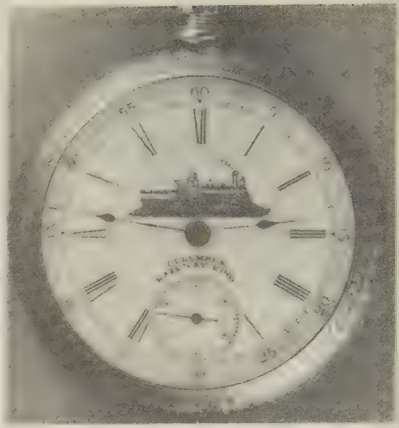
COLUMBUS WATCH CO.
Columbus, Ohio
1882 — 1903

The Columbus Watch Co. grew from the Columbus Watch Mfg. Co. which was started in 1876 by D. Gruen and W. J. Savage. The company finished Swiss-imported movements in 8, 16, and 18 sizes to fit American-made cases. They continued to import movements until Nov. 18, 1882, at which time a factory was built. By Aug. 18, 1883, the first movements had been produced. There are several features that separate the Columbus from other American watches. The train is different because the barrel has 72 teeth, the center wheel 72, center pinion 11, third wheel 11 leaves. No cases were made by the company, and the mainsprings and hairsprings, as well as the jewels, were imported. The company started making its own dials in 1884. The company was producing watches at the rate of 150 a day in 1888. Serial numbers range from 20,000 to 383,000 for standard grade movements. In 1894 a block of numbers from 500,000 to 505,800 was assigned to some higher grade movements. Also in that year some movements bore the name "New Columbus Watch Co." In 1903 the Columbus Watch Co. was sold to the South Bend Watch Co.

18 SIZE

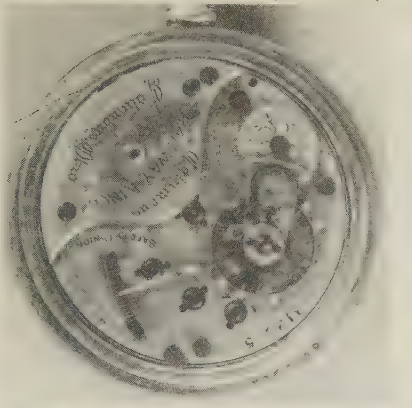
Grade or Name — Description	Avg	Ex-Fn	Mint
Champion, 15J, NI, FULL, HC, OF	$80	$90	$125
Champion, 15J, gilt, FULL	65	75	90
Champion, 15J, gilt, FULL, Coin	55	65	80
Champion, 16J, NI, ADJ, FULL, DMK	85	95	135
Columbus W. Co., 15J, OF, LS	85	110	150

Columbus Watch Co., 18 size, 15 jewels, key wind and set, serial number 40198. Note location of bridge to barrel plate.

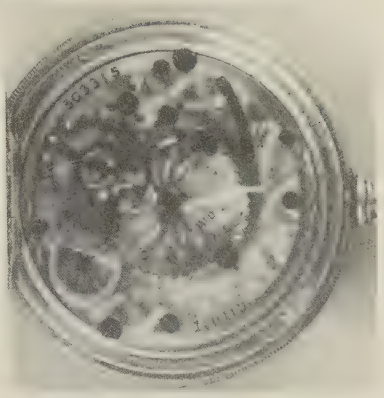


Columbus Watch Co., Railway King, 18 size, 23 jewels, with choo choo dial.

Grade or Name — Description	Avg	Ex-Fn	Mint
Columbus W. Co., 16J, OF, LS	95	125	165
Columbus W. Co., 17J, OF, LS	100	140	185
Columbus W. Co., 17J, OF, LS, 2-Tone	135	175	200
Columbus W. Co., 16J, KW, KS ★★★	280	295	325
Columbus W. Co., 11-15J, KW, KS	250	280	300
Columbus W. Co., 15J, KW, KS, 18K	850	950	1,200
Columbus W. Co., 15J, HC, LS, KW/SW Trans.	165	195	250
Columbus W. Co., 15J, Multi-color 14K case	1,800	2,200	2,600
Columbus W. Co., 15J, Coin	85	95	120
Columbus W. Co., 15J, "New Columbus W. Co." on mvt.	85	90	110
Columbus W. Co., 11J, Coin	65	85	100
Columbus W. Co., 11J, HC, LS	125	150	200
Columbus W. Co., 13J, HC, LS	135	165	215
Columbus W. Co., 17J, HC, LS, Trans.	180	200	275
Columbus King, 17J	165	185	235
Columbus Watch Co., 17J, NI, 14K, Multi-color	2,000	2,200	2,600
Columbus King, 21J	235	285	350
Columbus King, 23J	800	1,000	1,250
Columbus King, 25J ★★	2,400	3,000	3,800
Jackson Park, 15J, NI, ADJ, OF	85	95	135
North Star, 11J, NI, FULL	80	90	110
North Star, 11J, gilt, FULL	65	75	90
North Star, 15J, gilt, FULL, Coin	75	95	120
North Star, 15J, NI, FULL	95	125	150
Ohio Watch Co., 11-15J, KW, KS	300	350	400
Railroad Monarch, 17J, ADJ	150	185	250
Railway King, 16J, ADJ, GJS, 2-Tone, Choo Choo dial	175	210	275
Railway King, 17J, ADJ, GJS, Choo Choo dial	195	235	300
Railway King, 17J, 2-Tone	175	200	275
Railway King, 19J, GJS, HCI5P, HC ★★	300	400	550
Railway King, 19J, GJS, HCI5P, OF ★★	225	285	340
Railway King, 21J, GT, HCI6P, DMK, GJS	200	275	340



Columbus Railway King, 18 size, 17 jewels, 2-tone movement, serial number 313005.



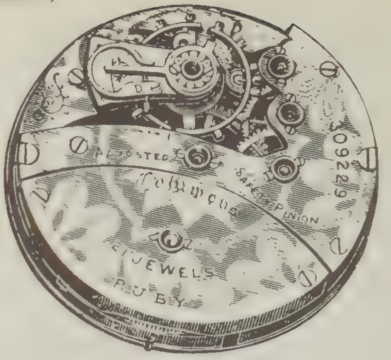
Railway King, 18 size, 23 jewels, adjusted, stem wind, open face, serial number 503315.

Grade or Name — Description	Avg	Ex-Fn	Mint
Railway King, 21J, GT, HCI6P, DMK, GJS, 2-Tone	225	285	360
Railway King, 23J, HCI6P, DMK, GJS	900	1,100	1,300
Railway King, 25J, GT, HCI6P, DMK, GJS, OF ★★	2,400	2,600	3,200
Railway King, 25J, GT, HCI6P, DMK, GJS, HC ★★★	3,500	4,000	4,500
Railway King Special	135	175	250
R. W. K. Special, 17J, OF, LS, 2-Tone	195	250	295
R. W. K. Special, 19J, HC, LS, 2-Tone	295	350	400
Railway Regulator, 17J, OF	200	250	275
Railway Time Service, 17J, OF, NI	195	325	395
Time King, 17J, 2-Tone	160	190	250
Time King, 21J, GT, HCI6P, DMK, GJS, 2-Tone	225	285	340
Time King, 23J, GT, HCI6P, DMK, GJS	700	800	1,000
Time King, 25J, GT, HCI6P, DMK, GJS ★★	2,400	2,600	3,200
G#18, 16J, HC, HCI6P, GJS, DMK, NI	150	175	200
G#20-21, 7-11J, HC	70	90	125
G#28, 16J, HC, FULL, ADJ, GJS, DMK	120	135	160
G#34, 15J, HC, FULL, NI	95	115	130
G#32, 15J, HC, FULL, gilded	60	75	95
G#90, 7J, gilt, OF, FULL	50	65	80
G#90, 7J, gilt, OF, Coin	45	60	75
G#93, 15J, gilt, OF, FULL	60	75	95
G#94, 15J, NI, OF, FULL	85	95	125
G#95, 15J, NI, OF, FULL, ADJ, GJS	95	135	160
G#98, 16J, NI, OF, FULL, ADJ, GJS, DMK	110	145	170
G#99, 16J, NI, OF, FULL, HCI6P, GJS, DMK	150	190	235
G#105, 19J, GJS, 2-Tone, HC	1,000	1,200	1,400

16 SIZE

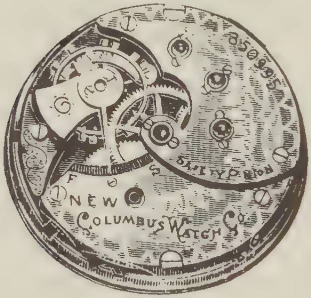
Grade or Name — Description	Avg	Ex-Fn	Mint
New Columbus Watch Co., 11J, ¾, OF	$75	$90	$110
New Columbus Watch Co., 15J, ¾, OF	80	95	105
New Columbus Watch Co., 16J, ¾, OF	85	95	125

Columbus Watch Co., 16 size, 17 jewels, gold train, serial number 228188.



Columbus Watch Co., Ruby Model, 16 size, 21 jewels, three quarter plate, gold jewel settings, gold train, adjusted to HCI6P.

Grade or Name — Description	Avg	Ex-Fn	Mint
New Columbus Watch Co., 17J, 14K, Multi-color case	1,000	1,200	1,500
New Columbus Watch Co., 17J, 2-Tone	90	125	140
Ruby Model, 21J, ¾, NI, GJS, GT, OF ★	475	600	850
Ruby Model, 21J, ¾, NI, GJS, HCI6P, GT, HC ★	425	500	625
G#41, HC-81, 11J, OF, gilt, ¾	50	60	80
G#43, HC-83, 11J, OF, NI, ¾	55	75	95
G#44, HC-84, 15J, OF, NI, GJS, ADJ, ¾	60	95	110
G#45, 19J, GJS, 2-Tone, HC ★★	850	1,000	1,200
G#46, HC-86, 15J, OF, NI, GJS, ADJ, ¾	95	125	155
G#47, HC-87, 16J, OF, HCI3P, GJS, ¾, NI, DMK	125	145	150
G#48, HC-88, 16J, OF, HCI6P, 14K, GJS, ¾, DMK, NI	425	460	500



New Columbus Watch Co. Example of a basic model for 6 size. Three quarter plate, 7-16 jewels, gilded and nickel.

6 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
G#102-G#50, 7J, gilded	$45	$55	$65
G#101-G#51, 11J, gilded	50	65	80
G#53, 11J, NI	60	75	90
G#55, 15J, GJS, NI, 18K	395	425	575
G#55, 15J, GJS, NI	70	95	125
G#104-G#57, 16J, GJS, DMK, NI	95	135	160

4 SIZE

Grade or Name—Description	Avg	Ex-Fn	Mint
Columbus Watch Co., 15J, HC, gilt mvt.	$135	$145	$190
Columbus Watch Co., 15J, HC, nickel mvt.	145	155	200

COLUMBUS
ESTIMATED SERIAL NUMBERS AND PRODUCTION DATES

Date	Serial No.	Date	Serial No.
1883	23,000	1893	207,000
1884	30,000	1894	229,000
1885	40,000	1895	251,000
1886	53,000	1896	273,000
1887	75,000	1897	295,000
1888	97,000	1898	317,000
1889	119,000	1899	339,000
1890	141,000	1900	361,000
1891	163,000	1901	383,000
1892	185,000		

Special Block of Serial Nos.

Date	Serial No.
1894	500,001
1896	501,500
1898	503,000
1900	504,500
1902	505,800

CORNELL WATCH CO.
Chicago, Illinois
1870 — 1874
San Francisco, California
1875 — 1876

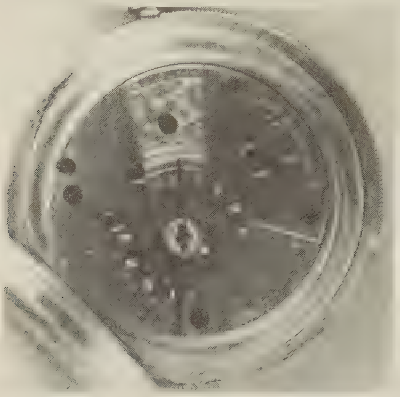
The Cornell Watch Co. bought the Newark Watch Co. and greatly improved on the movements being produced by Newark. In the fall of 1874, the company moved to San Francisco, Calif., with about 60 of its employees. The movements made in California were virtually the same as those made in Chicago. The company wanted to employ Chinese who would work cheaper, but the skilled employees refused to go along and went on strike. The company stayed alive until 1875 and was sold to the California Watch Co. in January 1876. But death came a few months later.

The Chronology of the Development of Cornell Watch Co.:

Newark Watch Co. 1864-1870; S#s 6901-12,000
Cornell Watch Co., Chicago, Ill. 1870-1874; S#s 12,001 to 25,000;
Cornell Watch Co., San Francisco, Calif. 1874-Jan. 1876; S#s 25,001 to 35,000;
California Watch Co., Jan. 1876-mid 1876.

18 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
C. T. Bowen, FULL, KW ★	$350	$450	$600
C. M. Cady, 15J, SW ★	300	400	500
Paul Cornell, 19J, GJS, HCI5P, SW ★	475	600	800
Cornell, 15J, KW ★	250	315	385
Cornell W. Co., 15J, KW, San Francisco on mvt. ★★	600	800	1,000
Cornell, 11J, KW, San Francisco on mvt. ★★	500	600	700
Cornell, 11J, KW ★	200	300	450
H. N. Hibbard, 11J, KW, ADJ ★	250	350	500
George F. Root, 15J, KW ★	255	385	550



Cornell Watch Co., J.C. Adams, 18 size, 11 jewels, key wind & set, made in Chicago, Ill, serial number 13647.

Cornell Watch Co., 18 size, 11 jewels, San Francisco on movement.

Grade or Name — Description	Avg	Ex-Fn	Mint
John Evans, 15J, KW .... ★	200	370	550
J. C. Adams, 11J, KW .... ★	200	350	450
E. J. Williams, 7J, KW .... ★	175	250	375
George Waite, 7J, (Hyde Park), KW .... ★	275	375	550
Ladies Stemwind .... ★	150	200	275

JACOB D. CUSTER
Norristown, Pennsylvania
1840 — 1845

At the age of 19, Jacob Custer repaired his father's watch. He was then asked to repair all the watches within his community. Custer was basically self-taught and had very little formal education and little training in clocks and watches. He made all the parts except the hairspring and fusee chains. The watches were about 14 size, and only 12 to 15 watches were made. The 14S fusee watches had lever escapement, ¾ plate and were sold in his own gold cases. He made a few chronometers, one with a helical spring.

Description	Avg	Ex-Fn	Mint
14S, OF, engraved on mvt. "J. D. Custer, Patented Feb. 4, 1843, #2,939" .... ★ ★ ★	$8,500	$12,000	$16,000

DUDLEY WATCH CO.
Lancaster, Pennsylvania
1920 — 1925

William Wallace Dudley became interested in watches and horology at the age of 13 and became an apprentice making ship chronometers in Canada. When he moved to America, he worked for the South Bend and Illinois Watch companies and the Trenton Watch Co. before going to Hamilton Watch Co. in Lancaster. He left Hamilton at age

69 to start his own watch company. In 1922 his first watches were produced; they were 14S, 19J, and were labeled Models 1894 and 1897. Watch parts, dials and hands were Swiss made. The winding mechanism was made at the Dudley factory. The cases came from Wadsworth Keystone and the Star Watch Case Co. Dudley also made a 12S, 19J watch. By 1924, the company was heavily in debt, and on February 20, 1925, a petition for bankruptcy was filed. The Masonic Watch was his most unusual.

Dudley Watches				Total Production
Dudley Watch Co.	1920-1925	Model No. 1	S# 500-2,000	1,000
P. W. Baker Co.	1925-1935	Model No. 2	S# 2,001-4,800	1,600
XL Watch Co.	1935-1976	Model No. 3	S# 4,801-6,500	1,000
			Total	3,600

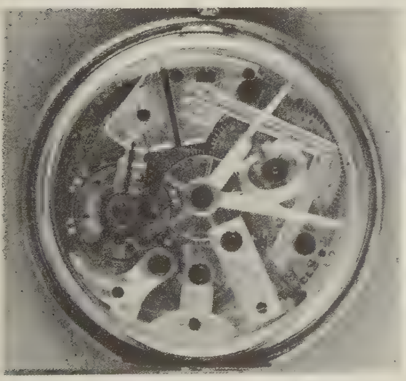
Model No. 1 can be distinguished by the "Holy Bible" engraved on the winding arbor plate.

Model No. 2, 12S, 19J, used the 910 and 912 Hamilton wheels and escapement, has a silver-colored Bible; it was also made in 14S.

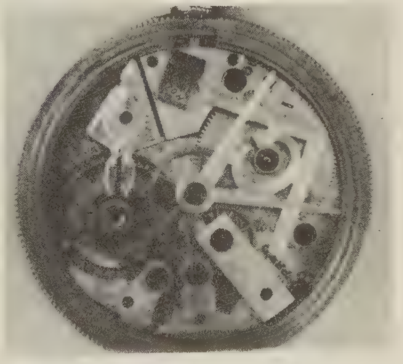
Model No. 3, 12S, can be distinguished by the silver Bible which was riveted in place and was more three-dimensional.

The earliest Model 1 serial number is 507. The earliest Model 2 serial number is 2,015. The XL Watch Co. serial numbers ran from 4,801 to 6,500. The highest serial number was on a Model 2: 6,404.

The distinguishing thing about the Masonic watch is that the movement is constructed by using the symbols of the Masons: trowel, plumb, level, square and compass. The square and compass support the mainspring barrel and the trowel supports the balance.



Dudley Watch Co., Model 1, 12 size, 19 jewels, open face, flip back, serial number 1232.



Dudley Watch Co., Model 2, 12 size, 19 jewels, open face, serial number 2410.

12 SIZE
"MASONS" MODEL

Grade or Name—Description		Avg	Ex-Fn	Mint
M#1, 19J, OF, 14K, flip open back	★	$2,400	$2,600	$2,800
M#1, 19J, OF, 14K, flip open back, w/box & papers	★	2,600	2,800	3,000
M#2, 19J, OF, 14K	★	1,600	1,700	1,900
M#3, 19J, OF, 14K	★	1,400	1,500	1,700

Dudley Watch Co., Model 3, 12 size, 19 jewels, open face.

DUEBER WATCH CO.
(See Hampden Watch Co.)

ELGIN WATCH CO.
(NATIONAL WATCH CO.)
Elgin, Illinois
1864 — 1964

This was the largest watch company in terms of production; in fact, Elgin produced half of the total number of pocket watches (Dollar-type not included). Some of the organizers came from Waltham Watch Co., including P. S. Bartlett, D. G. Currier, Otis Hoyt, Charles H. Mason and others. The idea of beginning a large watch company for the mid-West was discussed by J. C. Adams, Bartlett and Blake. After a trip to Waltham, Adams went back to Chicago and approached Benjamin W. Raymond, a former mayor of Chicago, to put up the necessary capital to get the company started. Adams and Raymond succeeded in getting others to pledge their financial support also. The National Watch Co. (Elgin) was formed in August 1864. A factory site in Elgin, Illinois, where the city had donated 35 acres of land, was selected. The factory was completed in 1866, and the first movement was a B. W. Raymond, 18S, full plate design. The first watches were put on the market in 1867, selling for about $115, and all were quick train. The first stem wind model was an H. L. Culver with serial No. 155,001, lever set and quick train. In 1874 the name was changed to the Elgin National Watch Co. which produced watches into the 1950s.

Elgin Movements

	1st App.	1st S#		1st App.	1st S#
18S B. W. Raymond	April 1867	101	10S Lady Elgin	Jan. 1869	40,001
18S H. L. Culver	July 1867	1,001	10S Frances Rubie	Aug. 1870	50,001
18S J. T. Ryerson	Oct. 1867	5,001	10S Gail Borden	Sept. 1871	185,001
18S H. H. Taylor	Nov. 1867	25,001	10S Dexter Street	Dec. 1871	201,001
18S G. M. Wheeler	Nov. 1867	6,001	First Stem Wind	June 1873	
18S Matt Laflin	Jan. 1868	9,001	1st Nickel Movement	Aug.15, 1879	
18S Father Time	No date	2,300,001	Convertible	Fall 1878	
18S Veritas	No date	8,400,001			

ELGIN WATCH CO. (continued)

Some Serial Nos. have the first two numbers replaced by a letter; i.e., 39,482,000 would be X482,000.

X—39
C,E,T&Y—42
L—43
U—44
J—45
V—46
H—47
N—48
F—49
S—50

ELGIN ESTIMATED SERIAL NUMBERS AND PRODUCTION DATES

Date	Serial #	Date	Serial #	Date	Serial #
1867	10,000	1897	7,100,000	1926	29,100,000
1868	35,000	1898	7,550,000	1927	30,050,000
1869	65,000	1899	8,200,000	1928	31,500,000
1870	95,000	1900	9,000,000	1929	32,000,000
1871	120,000	1901	9,250,000	1930	32,500,000
1872	155,000	1902	9,700,000	1931	33,000,000
1873	170,000	1903	10,100,000	1932	33,800,000
1874	210,000	1904	10,900,000	1933	35,100,000
1875	320,000	1905	11,900,000	1934	35,000,000
1876	390,000	1906	12,600,000	1935	35,750,000
1877	475,000	1907	12,900,000	1936	36,200,000
1878	500,000	1908	13,550,000	1937	37,100,000
1879	580,000	1909	14,000,000	1938	37,900,000
1880	750,000	1910	14,900,000	1939	38,200,000
1881	900,000	1911	15,900,000	1940	39,100,000
1882	1,000,000	1912	16,500,000	1941	40,200,000
1883	1,300,000	1913	17,200,000	1942	41,100,000
1884	1,500,000	1914	17,900,000	1943	42,200,000
1885	1,700,000	1915	18,400,000	1944	42,600,000
1886	2,000,000	1916	19,500,000	1945	43,200,000
1887	2,400,000	1917	20,100,000	1946	43,800,000
1888	2,900,000	1918	21,000,000	1947	44,200,000
1889	3,400,000	1919	22,000,000	1948	45,100,000
1890	3,900,000	1920	23,000,000	1949	46,000,000
1891	4,500,000	1921	24,050,000	1950	47,000,000
1892	4,800,000	1922	25,100,000	1951	48,000,000
1893	4,900,000	1923	26,050,000	1952	49,000,000
1894	5,550,000	1924	27,000,000	1953	50,000,000
1895	5,900,000	1925	28,050,000	1956	55,000,000
1896	6,550,000				

Some collectors seek out low serial numbers and will usually pay a premium for them. The lower the number, the more desirable the watch. The table shown below lists the first serial number of each size watch made by Elgin.

Size	1st Serial Nos.
18	101
17	356,001
16	600,001
14	351,001
10	40,001
6	570,001
0	2,889,001

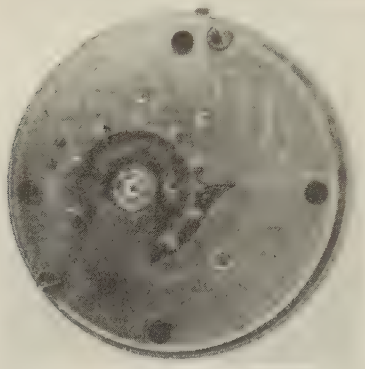
ELGIN

(See **Elgin Identification of Movements** section located at the end of the Elgin price section to identify the movement, size and model number of your watch.)

(Prices are with gold filled cases except where noted.)

18 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Advance, 11J, gilded, KW, HC, FULL	$50	$75	$115



Atlas Watch Co., 18 size, 7 jewels, full plate, serial number 7193390.

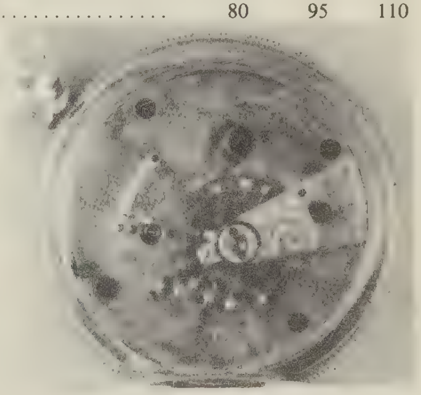
Elgin W. Co., Grade 297, 18 size, 15 jewels.

Grade or Name — Description	Avg	Ex-Fn	Mint
Age, 7J, gilded, KW, FULL, HC	80	115	145
Atlas Watch Co., 7J, HC, LS, FULL	40	60	80
Chief, 7J, gilded, KW, FULL, HC	80	95	125
Convertible, 7J, G#98	80	95	125
H. L. Culver, 15J, gilded, KW, KS, FULL, HC, ADJ, low S#	200	250	300
H. L. Culver, 15J, gilded, KW, KS, FULL, HC, ADJ	125	155	190
H. L. Culver, 15J, KW, KS, 14K, HC	525	575	700
H. L. Culver, 15J, gilded, KW, KS, FULL, HC	80	100	145
H. L. Culver, 15J, gilded, SW, FULL, HC	85	95	110
H. L. Culver, 15J, gilded, KW, FULL, LS, HC	120	140	160
Elgin W. Co., 7J, OF, SW	40	60	75
Elgin W. Co., 7J, KW, gilded	45	60	75
Elgin W. Co., 11J, KW, LS	60	75	90
Elgin W. Co., 11J, LS, HC, 9K-10K	325	375	400
Elgin W. Co., 11J, LS, HC, Silveroid	40	55	65
Elgin W. Co., 11J, LS, OF	40	55	60
Elgin W. Co., 13J, SW, PS/LS, Silveroid	40	55	65
Elgin W. Co., 13J, SW, PS/LS	60	80	95
Elgin W. Co., 15J, KW, LS	60	80	95
Elgin W. Co., 15J, SW, LS, OF	60	80	95
Elgin W. Co., 15J, SW, LS, YGF, Multi-color box	250	300	475
Elgin W. Co., 15J, SW, LS, Silveroid	50	60	70
Elgin W. Co., 15J, SW, LS, HC	60	85	95
Elgin W. Co., 15J, KW, hidden key	125	145	175
Elgin W. Co., 17J, SW, LS, Silveroid	60	70	80
Elgin W. Co., 17J, SW, LS	85	95	125
Elgin W. Co., 17J, SW, Multi-color, 14K, HC	1,800	2,000	2,200
Elgin W. Co., 21J, SW, LS, OF	75	95	125
Elgin W. Co., 21J, SW, LS, box case	140	200	275
Elgin W. Co., 21J, LS, HC, 14K	525	600	750
Elgin W. Co., 21J, SW, LS, Silveroid	70	80	90
Elgin W. Co., 21J, SW, LS, HC	80	90	125
Elgin W. Co., 21J, Wind Indicator	600	800	950
Elgin W. Co., 21J, Wind Indicator, free sprung	600	800	995
Charles Fargo, 7J, gilded, KW, HC	150	185	250
J. V. Farwell, 11J, gilded, KW, HC	250	300	375

ELGIN WATCH CO., 18 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Father Time, 17J, NI, KW, FULL, HC, DMK ★	85	105	125
Father Time, 17J, NI, FULL, OF, DMK	55	70	95
Father Time, 17J, SW, OF, Silveroid	45	60	80
Father Time, 17J, SW, HC	60	85	95
Father Time, 20J, NI, SW, FULL, HC, DMK ★	125	150	175
Father Time, 21J, NI, SW, FULL, OF, GJS, DMK	70	95	125
Father Time, 21J, NI, SW, ¾, OF, GJS, DMK	90	115	135
Father Time, 21J, GJT, HCI5P, Diamond end stone	100	125	150
Father Time, 21J, NI, SW, ¾, OF, GJS, Wind Indicator, DMK	750	850	1,000
Father Time, G#367. 36S. 21J. NI. SW, ¾, OF, GJS, Wind Indicator, free sprung	695	800	950
W. H. Ferry, 15J, gilded, KW, HC	75	95	125
W. H. Ferry, 11J, gilded, KW, HC	60	80	95
Mat Laflin, 7J, gilded, KW, HC	55	70	125
National W. Co., 7J, KW, KS	50	60	90
National W. Co., 11J, KW, KS	60	70	100
National W. Co., 15J, KW, KS	80	95	115
National W. Co., 15J, KW, KS, Silveroid	40	55	65
National W. Co., 15J, SW	80	95	110

Father Time, 18 size, 21 jewels, gold jewel settings, serial number 13505228.



B. W. Raymond, Model 1, 18 size, 15 jewels, serial number 632, first serial run of 101-1000.

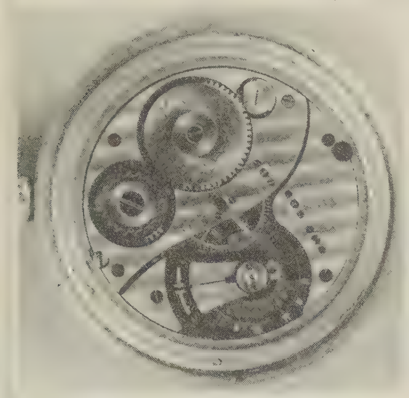
Grade or Name — Description	Avg	Ex-Fn	Mint
M. G. Ogden, 15J, KW, HC	80	100	115
M. G. Ogden, 11J, gilded, KW, HC	95	125	140
Overland, 17J, NI, KW, HC, DMK	65	80	105
Overland, 17J, NI, SW, HC, DMK	65	80	105
Pennsylvania Railroad Co. on dial, B. W. Raymond on mvt., 15J, KW, KS ★★★	800	900	1,100
B. W. Raymond, 15-17J, KW, low S# under 500	400	575	750
B. W. Raymond, 15J, gilded, KW, FULL	60	80	95
B. W. Raymond, 17J, gilded, KW, FULL	60	85	95
B. W. Raymond, 15J, SW	60	85	95
B. W. Raymond, 17J, NI, FULL, OF	70	95	125
B. W. Raymond, 17J, Silveroid	40	65	80
B. W. Raymond, 17J, NI, FULL, HC	75	95	125
B. W. Raymond, 15J, box case, 14K	775	875	1,050

ELGIN WATCH CO., 18 SIZE (continued)

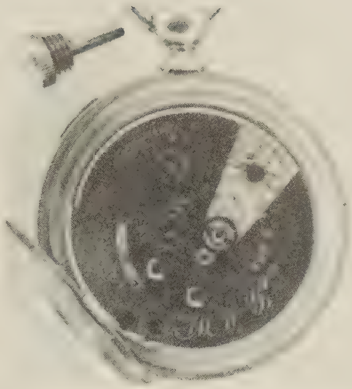
Grade or Name — Description	Avg	Ex-Fn	Mint
B. W. Raymond, 15J, 18K, 46 DWT	975	1,100	1,250
B. W. Raymond, 17J, gilded, NI, SW, FULL, ADJ	60	80	90
B. W. Raymond, 19J, NI, ¾, SW, OF, GJS, DMK, GT	85	120	145
B. W. Raymond, 19J, NI, ¾, SW, OF, GJS, Wind Indicator, DMK	500	575	650
B. W. Raymond, 19J, ¾, GJS, GT, Diamond end stone	100	125	155
B. W. Raymond, 21J, ¾, GJS, GT, Diamond end stone, OF	130	150	175
B. W. Raymond, 21J, SW, Silveroid	65	75	85
B. W. Raymond, 21J, SW, GJS, GT, DES, HC	135	155	180
B. W. Raymond, 21J, NI, ¾, SW, GJS, DMK, GT	100	120	145
B. W. Raymond, 21J, NI, ¾, SW, GJS, Wind Indicator, DMK	800	900	1,000
J. T. Ryerson, 7J, gilded, FULL, KW, HC	85	100	125
Solar W. Co., 15J, Multi-color dial	95	115	135
Standard, 17J, OF, LS	100	135	150
Sundial, 7J, SW, PS	45	60	70
H. H. Taylor, 15J, gilded, FULL, KW, HC	85	95	135
H. H. Taylor, 15J, NI, FULL, KW, HC, DMK	105	120	135
H. H. Taylor, 15J, NI, FULL, SW, HC, DMK, quick train	95	130	155
H. H. Taylor, 15J, SW, Silveroid	45	55	65
H. H. Taylor, 15J, SW, slow train	60	75	95
Veritas, 21J, SW, Silveroid	60	75	95
Veritas, 21J, SW, GJS, GT, HC	110	125	145
Veritas, 21J, ¾, NI, GJS, OF, DMK, GT	110	135	160
Veritas, 21J, ¾, GJS, GT, Diamond end stones	120	145	175
Veritas, 21J, ¾, GJS, GT, Diamond end stones, HC	150	185	225
Veritas, 21J, ¾, NI, GJS, OF, Wind Indicator, DMK	1,000	1,200	1,300
Veritas, 21J, ¾, NI, GJS, HC, Wind Indicator, DMK	1,100	1,200	1,500
Veritas, 23J, ¾, NI, GJS, OF, DMK, GT	160	200	275
Veritas, 23J, ¾, GJS, HC, GT	200	225	290
Veritas, 23J, ¾, NI, GJS, OF, DMK, GT, Diamond end stone	235	260	315
Veritas, 23J, ¾, Wind Indicator, GJS, OF, DMK, GT, 14K	1,700	1,850	2,000
Veritas, 23J, ¾, NI, GJS, OF, Wind Indicator, DMK	1,100	1,300	1,500
Veritas, 23J, SW, Silveroid	110	125	150

H.H. Taylor, 18 size, 15 jewels, key wind & set, serial number 288797.

Veritas, 18 size, 23 jewels, solid gold train, gold jewel settings, diamond end stone, serial number 9542678.



G. M. Wheeler, Grade 369, 18 size, 17 jewels, open face, gold jewel settings, serial number 14788315.



G.M. Wheeler, 18 size, 15 jewels, key wind & set, serial number 197016. Note hidden key from stem.
Model 1, 17 size, full plate, hunting, key wind & set.

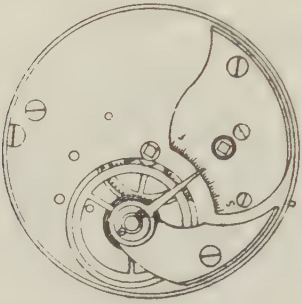
Grade or Name — Description	Avg	Ex-Fn	Mint
Veritas, 23J, SW, NI, GJS, GT, LS, HC	195	220	285
Veritas, 23J, SW, OF, 14K	550	650	775
G. M. Wheeler, 11J, gilded, KW	60	75	85
G. M. Wheeler, 13-15J, gilded, FULL, KW	70	85	95
G. M. Wheeler, 15J, NI, FULL, KW, DMK	80	95	115
G. M. Wheeler, 15J, SW, NI, FULL, DMK	80	95	125
G. M. Wheeler, 17J, KW, NI, FULL, DMK	80	95	130
G. M. Wheeler, 17J, SW, NI, FULL, DMK	70	90	115

MOVEMENTS WITH NO NAME

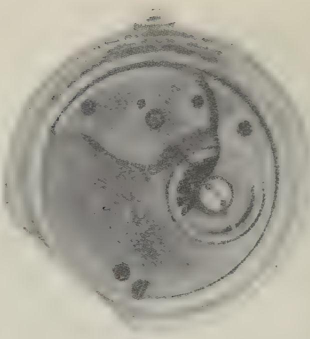
No. 5 & No. 17, 7J, gilded, FULL, OF, HC	40	50	60
No. 23 & No. 18, 11J, gilded, FULL, OF, HC	45	55	65
No. 69, 15J, M#1, KW, quick train	85	95	120
No. 316 & No. 317, 15J, NI, FULL, OF, HC, DMK	60	70	90
No. 316 & No. 317, 15J, NI, FULL, ADJ, OF, HC, DMK	70	80	95
No. 316 & No. 317, 15J, Silveroid	40	55	65
No. 326 & No. 327, 15J	60	70	80
No. 335 & No. 336, 17J, Silveroid	60	70	80
No. 335 & No. 336, 17J, NI, FULL, HC, OF, DMK	70	95	120
No. 378 & No. 379, 19J, NI, FULL, HC, OF, DMK	75	100	135
No. 348 & No. 349, 21J, NI, FULL, HC, OF, GJS, DMK	75	95	125
No. 345, 19J, GJS, 2-Tone, HC	1,000	1,200	1,400

17 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Avery, 7J, gilded, KW, FULL, HC	$60	$85	$110
Leader, 7J, gilded, KW, FULL, HC	60	85	110
Leader, 7J, gilded, KW, FULL, HC, early movement	70	95	120
Sunshine, 15J, KW, KS from back	80	95	130
M#11, 14, 15, 51, 59: 7J, gilded, KW, FULL, HC	70	95	135
17 Size, KW, Silveroid	50	60	70



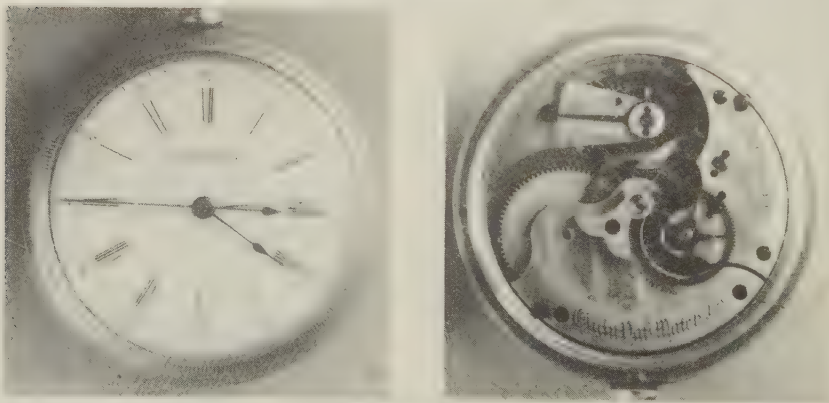
Elgin Watch Co., Model 1, 17 size, full plate, hunting, key wind and set.



Elgin Watch Co., 17 size, 7 jewels, key wind & set, serial number 199076. Made for Kennedy & Co.

16 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Blind Man's Watch, 17J	$115	$135	$145
Convertible Model, 13J, BRG	70	95	115
Convertible Model, 15J, BRG, ADJ, 14K, HC	495	540	600
Convertible Model, 15J, ADJ, DMK, 3F BRG, HC	100	140	170
Convertible Model, 15J, ¾, ADJ, DMK, GJS	80	110	140
Convertible Model, 15J, Silveroid	50	75	95
Convertible Model, 15J, 3F BRG, OF	100	140	170
Convertible Model, 21J, 3F BRG	375	475	600
Convertible Model, 21J, ¾, ADJ, DMK, GJS	350	450	575
Convertible Model, 21J, 3F BRG, 14K	950	1,050	1,200
Doctors Watch, 15J, 4th Model, NI, GT, sweep second hand ★	135	165	195
Doctors Watch, 15J, 4th Model, gilded, sweep second hand ★	125	150	180
Doctors Watch, 15J, 4th Model, sweep second hand, 14K	475	500	535



Doctors Watch, 16 size, 15 jewels, fourth model, gold jewel settings, gold train, sweep second hand, serial number 926458.

Grade or Name — Description	Avg	Ex-Fn	Mint
Elgin W. Co., 7J, OF or HC	40	50	60
Elgin W. Co., 9J, OF	45	55	65
Elgin W. Co., 11J, OF or HC	55	75	100
Elgin W. Co., 13J, OF	60	80	110
Elgin W. Co., 13J, OF or HC, Silveroid	40	50	70
Elgin W. Co., 13J, HC	60	75	100
Elgin W. Co., 15J, HC	75	85	110
Elgin W. Co., 15J, OF, Silveroid	40	50	60
Elgin W. Co., 15J, OF	75	85	110
Elgin W. Co., 15J, HC, 14K	475	485	525
Elgin W. Co., 17J, OF	75	95	105
Elgin W. Co., 17J, 14K, HC	475	495	550
Elgin W. Co., 17J, Silveroid	45	55	65
Elgin W. Co., 17J, HC	80	95	110
Elgin W. Co., 19J, OF, LS	80	110	125
Elgin W. Co., 21J, HC	85	115	135
Elgin W. Co., 21J, OF, Silveroid	55	65	75
Elgin W. Co., 21J, OF	100	125	175
Elgin W. Co., 17J, LS, multi-color HC, GF	225	275	325
Elgin W. Co., 17J, multi-color HC, 14K	700	950	1,300

Elgin Watch Co., 16 size, 21 jewels, converts to open face or hunting case, serial number 607061.

Elgin W. Co., 16 size, 21 jewels, three-fingered bridge model, adjusted, gold jewel settings, gold train, serial number 6469814.

Grade or Name — Description	Avg	Ex-Fn	Mint
3F Bridge Model, 15J, NI, DMK	60	80	100
3F Bridge Model, 17J, HCI3P, NI, DMK, GJS	70	90	110
3F Bridge Model, 17J, HCI5P, NI, DMK, GJS, GT	80	100	125
3F Bridge Model, 21J, HCI5P, NI, DMK, GJS, GT	135	175	225
Father Time, 17J, ¾, NI, OF, GJS, DR, DMK	60	85	115
Father Time, 21J, ¾, NI, HC, GJS, DR, DMK	90	100	135
Father Time, 21J, ¾, NI, OF, GJS, DR, Wind Indicator	375	400	450
Father Time, 21J, Silveroid	60	70	80
Father Time, 21J, NI, GJS, DR, OF	90	100	130
Lord Elgin, 21J, GJS, DR, HCI5P, 3F BRG, 14K ★★	1,200	1,500	1,800
Lord Elgin, 23J, GJS, DR, HCI5P, ¾, 14K ★★	1,200	1,500	1,800
B. W. Raymond, 17J, ¾, GJS, 14K	525	575	650
B. W. Raymond, 17J, ¾, GJS, SW, HC	125	150	175

LORD ELGIN
U.S.A.
7499413
23 JEWELS
SAFETY BARREL

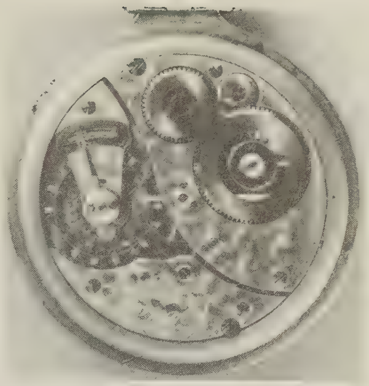
Lord Elgin, 16 size, 23 jewels, gold jewel settings, gold train, diamond end stone, serial number 7499413.

B.W. Raymond
ELGIN ILL
U.S.A.
21 JEWELS
15940294
ADJUSTED 5 POSITIONS
SAFETY BARREL

B.W. Raymond, 16 size, 21 jewels, gold jewel settings, HCI5P, serial number 15940294.

Grade or Name — Description	Avg	Ex-Fn	Mint
B. W. Raymond, 17J, 3F BRG ★★	200	240	275
B. W. Raymond, 17J, Silveroid	100	125	145
B. W. Raymond, 17J, GJS, SW, OF	125	150	175
B. W. Raymond, 17J, ¾, GJS, DR, HCI5P, DMK	150	175	225
B. W. Raymond, 19J, ¾, GJS, DR, HCI5P, DMK, OF	90	110	130
B. W. Raymond, 19J, OF, 14K, 30 DWT	490	510	530
B. W. Raymond, 19J, ¾, GJS, DR, HCI5P, DMK, Wind Indicator	325	375	395
B. W. Raymond, 19J, Silveroid	50	60	75
B. W. Raymond, 19J, GJS, HCI5P, HC	95	115	135
B. W. Raymond, 21J, 14K, OF	480	500	550
B. W. Raymond, 21J, Silveroid	60	75	85
B. W. Raymond, 21J, ¾, GJS, DR, HCI5P, HC	95	110	135
B. W. Raymond, 21J, ¾, GJS, DR, HCI5P, DMK, OF	90	115	135
B. W. Raymond, 21J, ¾, GJS, DR, HCI5P, DMK, Wind Indicator	300	325	395
B. W. Raymond, 22J, WWII Model, sweep second hand	90	110	125
B. W. Raymond, 23J, ¾, GJS, DR, HCI5P, DMK	175	225	275
B. W. Raymond, 23J, ¾, GJS, DR, HCI5P, DMK, Wind Indicator	375	400	470
B. W. Raymond, 23J, ¾, GJS, DR, HCI5P, DMK, Wind Indicator, military style	350	375	450
Repeater, Terstegen, 5 min., 21J, 2 gongs ★★	2,000	3,000	4,000
Veritas, 21J, 3F brg, GJS ★	95	125	150
Veritas, 21J, GJS, DR, HCI5P, DMK, ¾, HC	95	125	150
Veritas, 21J, GJS, DR, HCI5P, DMK, ¾, Wind Indicator	395	450	525
Veritas, 21J, GJS, SW, Silveroid	75	85	95
Veritas, 21J, GJS, SW, HCI5P, OF	95	125	150
Veritas, 23J, GJS, HCI5P, 14K, OF	575	670	750
Veritas, 23J, GJS, HCI5P, HC	280	355	425
Veritas, 23J, GJS, DR, HCI5P, DMK, ¾, OF ★	270	345	400
Veritas, 23J, GJS, DR, HCI5P, DMK, ¾, Diamond end stone ★	395	475	545
Veritas, 23J, GJS, DR, HCI5P, DMK, ¾, Wind Indicator	475	550	600
G. M. Wheeler, 17J, DR, HCI3P, DMK, ¾	60	85	95
G. M. Wheeler, 17J, 3F BRG	70	95	105

Veritas, 16 size, 23 jewels, solid gold train, gold jewel settings, adjusted to HC15P, serial number 16678681.



Veritas, 16 size, 21 jewels, gold jewel settings, gold train, diamond end stone, HC15P, serial number 6971309.

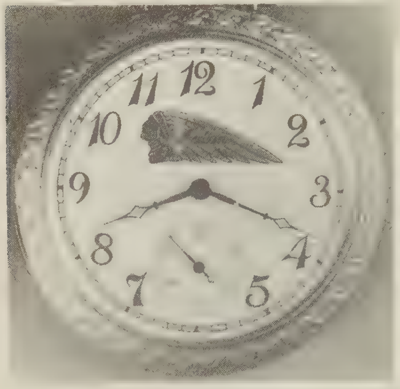
Grade or Name — Description	Avg	Ex-Fn	Mint
G. M. Wheeler, 17J, HC, 14K	495	500	550
WWII Model, 17J	70	90	110
WWII Model, 21J	90	115	140
M#13, 9J	45	55	65
M#48, 13J	45	65	75

MODELS WITH NO NAMES

Grade #270, 21J, 3F BRG, GJS, marked mvt.	$135	$175	$225
Grade #280, 17J, marked on mvt.	65	75	95
Grade #290 & #291, 7J, OF, ¾, NI, DMK	35	45	55
Grade #291, 7J, ¾, HC, 14K	450	500	550
Grade #312 & #313, 15J, ¾, NI, DR, DMK	45	55	65
Grade #381 & #382, 17J, ¾, NI, DR, DMK	65	75	85
Grade #145, 19J, GJS, BRG, HC ★★	850	1,000	1,200
Grade #156, 21J, ¾, NI, DR, DMK, GT, GJS	175	250	300
Grade #156, 21J, ¾, NI, DR, DMK, GT, GJS, HC, 14K	575	650	700
Grade #162, 21J, SW, PS, NI, GJS, GT	225	270	375
Grade #72-91, 21J, 3F BRG ★★	325	450	600

14 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Lord Elgin, 17J, SS, ¾, OF	$200	$225	$250
7J, ¾, M#1, gilded, KW, 14K, HC	340	395	450
7J, ¾, M#1, gilded, KW, YGF	40	55	60
11J, ¾, M#1, gilded, KW, YGF, HC	45	55	60
11J, ¾, M#1, gilded, KW, YGF, OF	40	50	55
13J, ¾, M#1, gilded, KW	40	60	70
15J, ¾, M#1, gilded, KW	55	65	75
7J, ¾, M#2, SW, OF	40	55	60
15J, ¾, M#2, SW, OF	55	65	75
15J, ¾, M#2, SW, 14K, HC	365	385	450



Example of a 12 size 17 jewel Elgin with a personalized logo on dial.

Lord Elgin, 12 size, 21 jewels, gold train, gold jewel settings, serial number 24999947.

12 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Elgin W. Co. #30, 7J, ¾, gilded, KW	$45	$55	$65
Elgin W. Co. #189, 19J, HC, ¾, NI	90	120	140
Elgin W. Co. #190-194, 23J, HC, OF, GJS, ¾, HCI5P, NI, DMK, GT	125	145	175
Elgin W. Co. #236 & #237, 21J, HC, OF, GJS, ¾, HCI5P, NI, DMK, GT	75	95	125
Elgin W. Co. #301 & #302, 7J, ¾, HC, OF, NI	40	50	60
Elgin W. Co. #314 & #315, 15J, ¾, HC, OF, NI	50	60	70
Elgin W. Co. #383 & #384, 17J, ¾, HC, OF, NI	55	65	75
Elgin W. Co., 15J, 14K, Multi-color	575	675	875
Elgin W. Co., 15J, Silveroid	30	40	50
Elgin W. Co., 15J, HC, 14K	340	375	425
Elgin W. Co., 17J, OF, 14K	350	395	450
Elgin W. Co., 19J, HC, 14K	360	400	465
Elgin W. Co., 19J, 14K, OF	185	225	270
C. H. Hubbard, 19J, thin BRG model, 14K case ★	600	850	1,050
Lord Elgin, 23J, HC, GJS, DR, HCI5P, DMK, NI	175	225	295

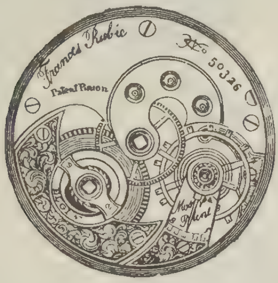
LORD ELGIN
U.S.A.

Lord Elgin, 12 size, 23 jewels, gold jewel settings, adjusted to HCI5P, originally sold for $110.00.

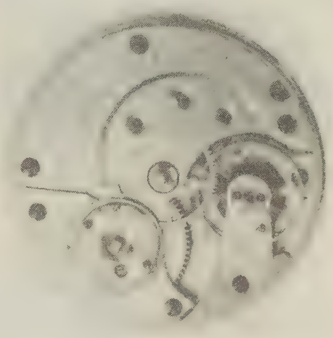
G. M. Wheeler, 12 size, 17 jewels, adjusted to HCI3P, originally sold for $27.00.

ELGIN WATCH CO., 12 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Lord Elgin, 17J, HC	75	100	125
Lord Elgin, 19J, HC	95	120	145
Lord Elgin, 21J, 14K, OF	125	170	235
Lord Elgin, 21J, HC	110	135	160
B. W. Raymond, 19J, HC, OF, ¾, GJS, HCI5P, DR, DMK, NI	60	75	110
G. M. Wheeler, 17J, ¾, DR, HCI5P, DMK, NI, OF	55	65	75
G. M. Wheeler, 17J, ¾, DR, HCI5P, DMK, NI, HC	65	75	85


Frances Rubie
Patent Pinion
50326
Moseley Patent

Frances Rubie, Grade 23, 10 size, 15 jewels, key wind & set.

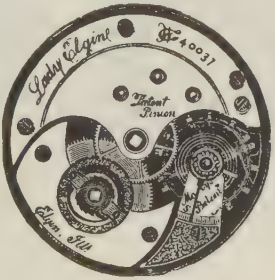


Gail Borden, Grade 22, 10 size, 11 jewels, key wind & set, serial number 947696.

10 SIZE
(HC)

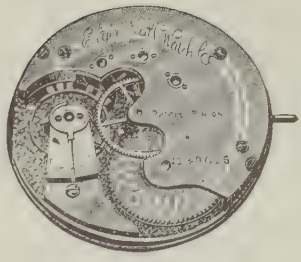
Grade or Name — Description	Avg	Ex-Fn	Mint
Dexter St., 7J, KW, HC, 14K	$250	$300	$375
Dexter St., 7J, ¾, gilded, KW, HC, gold filled	75	85	95
Frances Rubie, 7J, ¾, gilded, KW, HC, 14K	550	600	650
Gail Borden, 11J, ¾, gilded, KW, HC, 14K	295	335	375
Gail Borden, 11J, ¾, KW, HC, gold filled	70	90	125
Lady Elgin, 15J, ¾, gilded, KW, HC, 14K	295	340	385
21 or 28, 7J, ¾, gilded, KW, HC, gold filled	75	85	95
Elgin, multi-color case, gold filled, HC	200	240	275
Elgin, 15J, Silveroid, HC	30	40	50
Elgin, 15J, YGF, HC	40	50	65

Lady Elgin, 10 size, 15 jewels, key wind & set.


Lady Elgin
40031
Patent Pinion
Moseley's Patent
Elgin, Ill.

ELGIN WATCH CO. (continued)

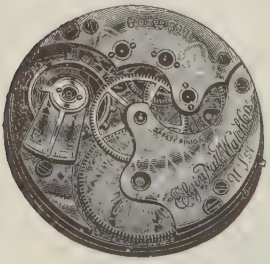
Elgin W. Co., Grade 121, 6 size, 15 jewels, hunting, serial number 4500445.



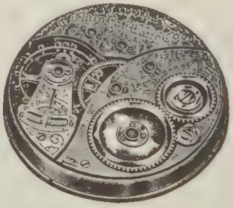
Elgin W. Co., Grade 67, 6 size, 11 jewels, serial number 1149615.

6 SIZE
(HC Only)

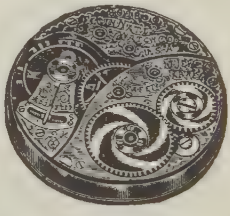
Grade or Name — Description	Avg	Ex-Fn	Mint
Atlas, 7J, HC	$25	$30	$45
Elgin W. Co. #286, 7J, HC, ¾, DMK, NI	45	55	65
Elgin W. Co. #295, 15J, HC, ¾, DMK, NI	50	60	70
Elgin W. Co., 7J, HC, 10K	150	170	190
Elgin W. Co., 7J, HC, ¾, 14K	200	260	285
Elgin W. Co., 15J, SW, HC, Enamel case, 18K	700	1,000	1,250
Elgin W. Co., 15J, YGF	50	60	75
Elgin W. Co., 15J, HC, ¾, 14K	200	250	285
Elgin W. Co., 15J, HC, ¾, 10K	175	200	225
Elgin W. Co., 15J, HC, ¾, 18K	275	300	350
Elgin W. Co., 15J, HC, GF multi-color case	200	225	265
Elgin W. Co., 11J, HC, 14K	200	250	285
Elgin W. Co., 15J, demi-HC	75	100	135
Elgin W. Co., 15J, 14K, Multi-color HC	550	650	750



Elgin W. Co., 6 size, 15 jewels.



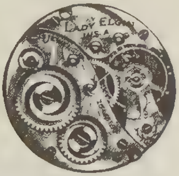
Elgin W. Co., Grade 201-HC, 205-OF, 0 size, 19 jewels, gold train.



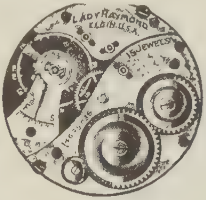
Elgin W. Co., Grade 200-HC, 204-OF, 0 size, 17 jewels, gold jewel settings.

0 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Atlas W. Co., 7J, HC	$30	$35	$50
Elgin W. Co., 7J, NI, ¾, DR, DMK	35	40	55
Elgin W. Co., 15J, NI, ¾, DR, DMK, OF	40	50	60
Elgin W. Co., 15J, NI, ¾, DR, DMK, HC	45	55	65
Elgin W. Co., 17J, NI, ¾, DR, DMK, ADJ	50	60	75
Elgin W. Co., 19J, NI, ¾, DR, DMK, GJS, ADJ	55	65	85
Elgin W. Co., 15J, HC, 14K	175	200	295
Elgin W. Co., 15J, HC, multi-color GF	135	175	240
Elgin W. Co., 15J, OF, multi-color dial	100	135	175
Elgin W. Co., 11J, HC, 14K	175	200	295
Elgin W. Co., 7J, HC, 10K	155	175	210
Elgin W. Co., 15J, 14K, Multi-color	475	550	625
Elgin W. Co., 15J, 14K, Multi-color + diamond	500	575	650
Frances Rubie, 19J, HC	75	85	95



Lady Elgin, 5/0 size, 17 jewels, gold jewel settings, originally sold for $42.50.



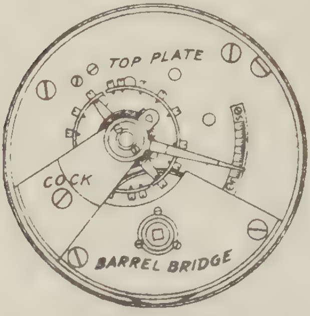
Lady Raymond, 5/0 size, 15 jewels, originally sold for $24.20.

3-0 and 5-0 SIZE

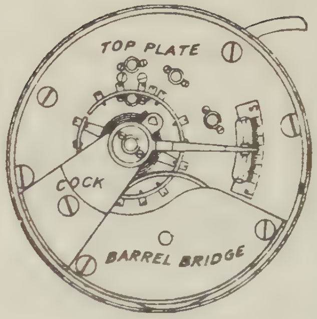
Grade or Name—Description	Avg	Ex-Fn	Mint
Lady Elgin, 15J, PS	$65	$85	$115
Lady Elgin, 15J, 14K, HC	175	200	295
Lady Raymond, 15J, PS	65	85	115

ELGIN NATIONAL WATCH CO.
IDENTIFICATION OF MOVEMENTS
BY MODEL NUMBER

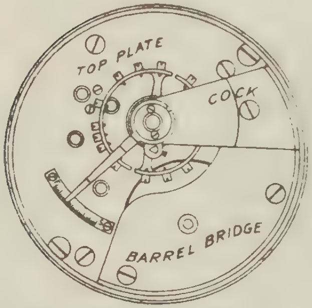
How to Identify Your Watch: Compare the movement of your watch with the illustrations in this section. Upon matching the movement exactly, the model number and size can be determined. While comparing, note the location of the balance, jewels, screws, gears and type of back plate (Full, ¾, Bridge) which will be clues in identifying the movement you have. Having determined the size and model number, you can now find your watch in the main price listing by name or number (which is engraved on the movement).


TOP PLATE
COCK
BARREL BRIDGE

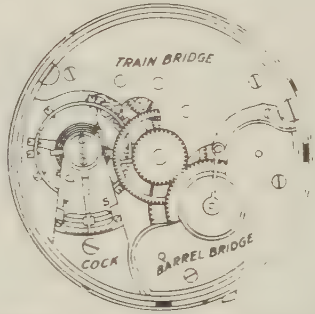
Model 1, 18 size, full plate, hunting, key wind & set, first serial number 101, Apr, 1867.


TOP PLATE
COCK
BARREL BRIDGE

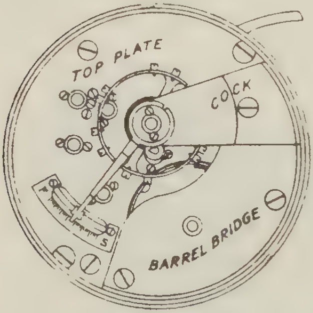
Model 2-4, 18 size, full plate, hunting, lever set, first serial number 155,001, June, 1873.


TOP PLATE
COCK
BARREL BRIDGE

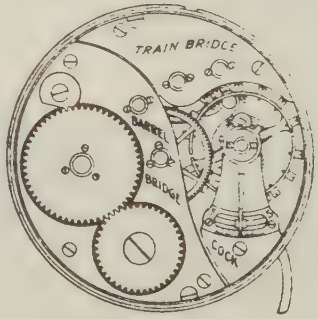
Model 5, 18 size, full plate, open face, pendant set, first serial number 2,110,001, Grade 43, Dec., 1885.


TRAIN BRIDGE
COCK
BARREL BRIDGE

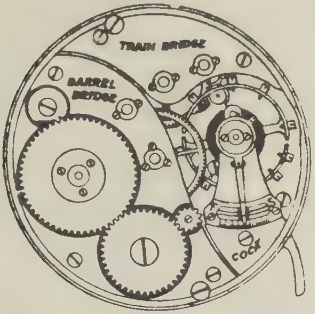
Model 6, 18 size, three-quarter plate, hunting, open face, pendant set.


TOP PLATE
COCK
BARREL BRIDGE

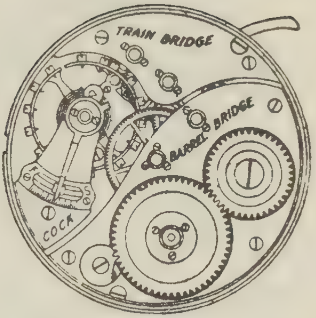
Model 7, 18 size, full plate, open face, lever set, first serial number 6,563,821, Grade 265, Apr., 1897.


TRAIN BRIDGE
BARREL BRIDGE
COCK

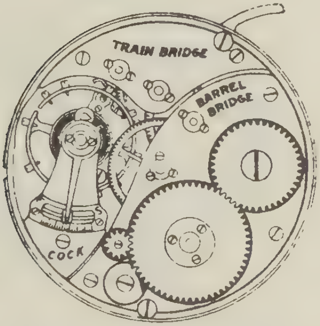
Model 8, 18 size, three-quarter plate, open face, lever set, first serial number 8,400,001, Grade 214, Dec., 1900.


TRAIN BRIDGE
BARREL BRIDGE
COCK

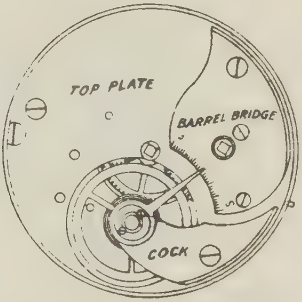
Model 8, 18 size, three-quarter plate, open face, lever set with winding indicator.


TRAIN BRIDGE
BARREL BRIDGE
COCK

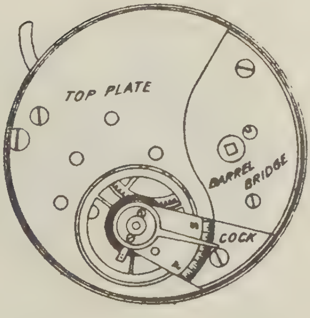
Model 9, 18 size, three-quarter plate, hunting, lever set, first serial number 9,625,001, Grade 274, May, 1904.


TRAIN BRIDGE
BARREL BRIDGE
COCK

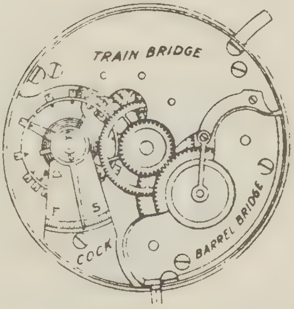
Model 9, 18 size, three-quarter plate, hunting, lever set with winding indicator.


TOP PLATE
BARREL BRIDGE
COCK

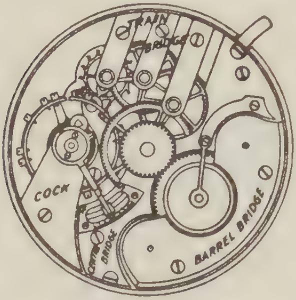
Model 1, 17 size, full plate, hunting, key wind and set.


TOP PLATE
BARREL BRIDGE
COCK

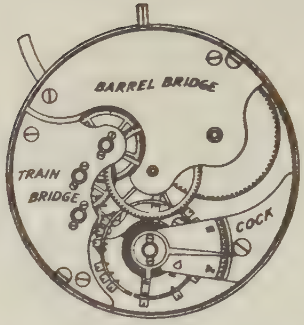
Model 2, 17 size, full plate, hunting, lever set.


TRAIN BRIDGE
BARREL BRIDGE
COCK

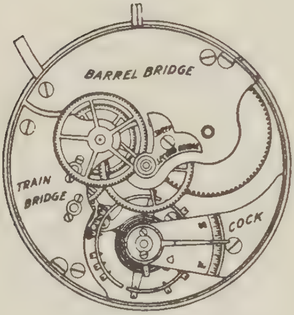
Model 1, 16 size, three-quarter plate, hunting & open face, lever set.


TRAIN BRIDGE
COCK
CENTER BRIDGE
BARREL BRIDGE

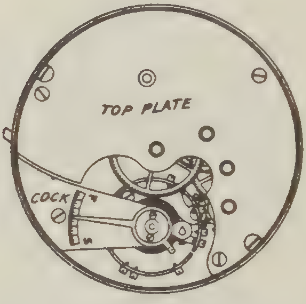
Model 2, 16 size, three-quarter plate, bridge, hunting & open face, lever set.


BARREL BRIDGE
TRAIN BRIDGE
COCK

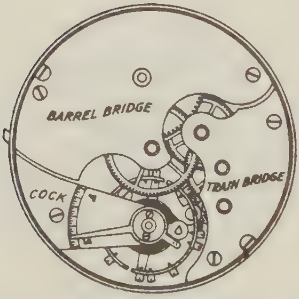
Model 3, 16 size, three-quarter plate, hunting, lever set, first serial number 625,001, Grade 1, Feb., 1879.


BARREL BRIDGE
TRAIN BRIDGE
COCK

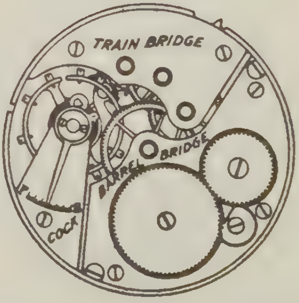
Model 4, 16 size, three-quarter plate, sweep second, hunting & open face, lever set.


TOP PLATE
COCK

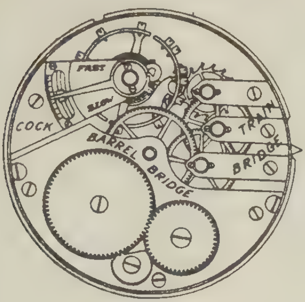
Model 5, 16 size, three-quarter plate, open face, pendant set.


BARREL BRIDGE
TRAIN BRIDGE
COCK

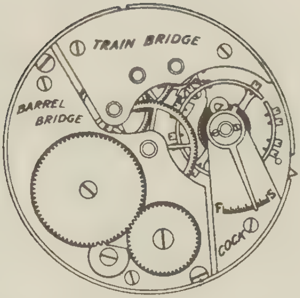
Model 5, 16 size, three-quarter plate, open face, pendant set, first serial number 2,811,001, Grade 105, Oct., 1887.


TRAIN BRIDGE
BARREL BRIDGE
COCK

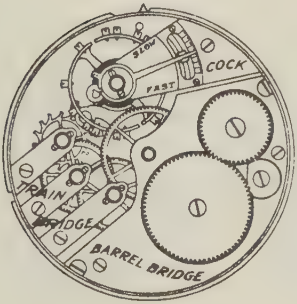
Model 6, 16 size, three-quarter plate, hunting, pendant set, first serial number 6,458,001, Grade 151, Aug., 1895.


FAST
SLOW
COCK
BARREL BRIDGE
TRAIN BRIDGE

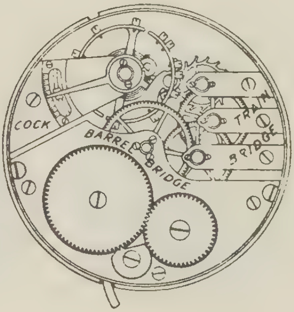
Model 6, 16 size, three-quarter plate, bridge, hunting, pendant set, first serial number 6,463,001, Grade 156, May, 1896.


TRAIN BRIDGE
BARREL BRIDGE
F
S
COCK

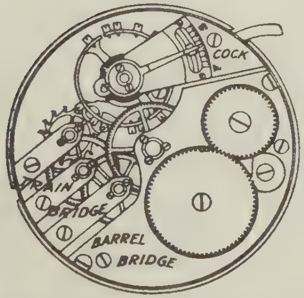
Model 7, 16 size, three-quarter plate, open face, pendant set, first serial number 6,464,001, Grade 157, Sept., 1895.


SLOW
FAST
COCK
TRAIN BRIDGE
BARREL BRIDGE

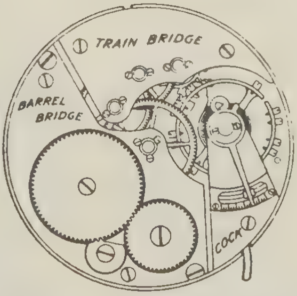
Model 7, 16 size, three-quarter plate, bridge, open face, pendant set, first serial number 6,469,001, Grade 162, Apr., 1896.


COCK
BARREL BRIDGE
TRAIN BRIDGE

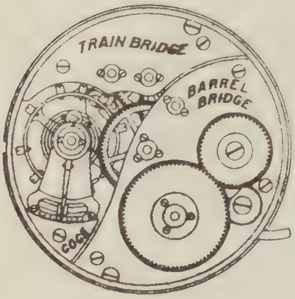
Model 8, 16 size, three-quarter plate, bridge, hunting, lever set, serial number 12,283,001, Grade 341, Jan., 1907.


COCK
TRAIN BRIDGE
BARREL BRIDGE

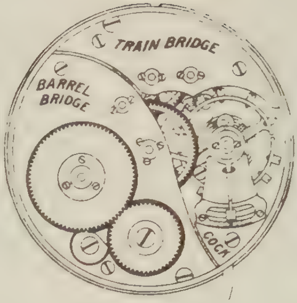
Model 9, 16 size, three-quarter plate, bridge, open face, lever set, first serial number 9,250,001, Grade 270, July, 1902.


TRAIN BRIDGE
BARREL BRIDGE
COCK

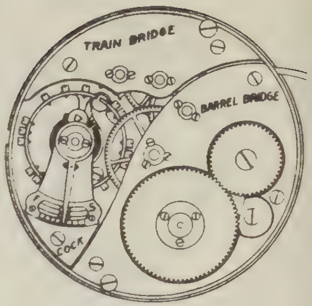
Model 13, 16 size, three-quarter plate, open face, lever set, first serial number 12,717,001, Grade 350, June, 1908.


TRAIN BRIDGE
BARREL BRIDGE
COCK

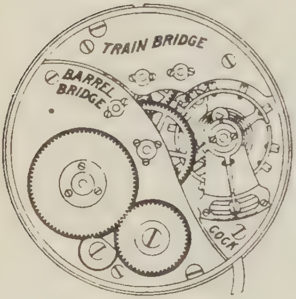
Model 14, 16 size, three-quarter plate, hunting, lever set.


TRAIN BRIDGE
BARREL BRIDGE
COCK

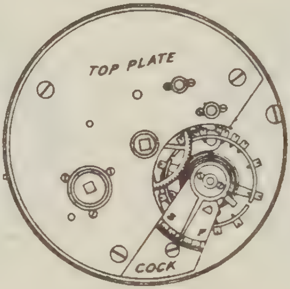
Model 15, 16 size, three-quarter plate, open face, lever set.


TRAIN BRIDGE
BARREL BRIDGE
COCK

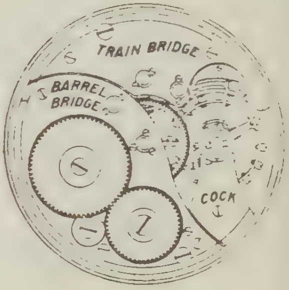
Model 17, 16 size, three-quarter plate, hunting, lever set.


TRAIN BRIDGE
BARREL BRIDGE
COCK

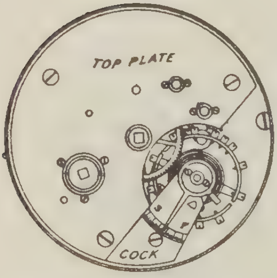
Model 19, 16 size, three-quarter plate, open face, lever set with winding indicator.


TOP PLATE
COCK

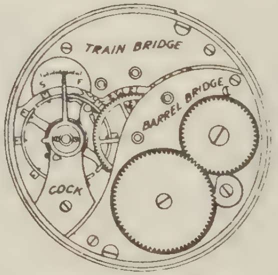
Model 1, 14 size, three-quarter plate, hunting, key wind and set.


TRAIN BRIDGE
BARREL BRIDGE
COCK

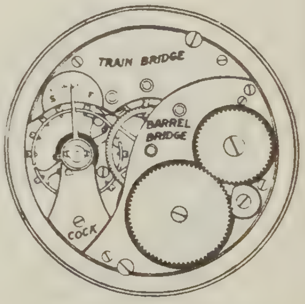
Model 2, 14 size, three-quarter plate, open face, pendant set.


TOP PLATE
COCK

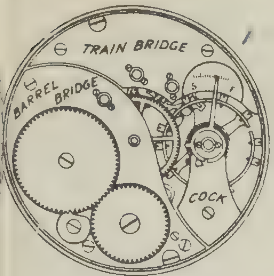
Model 1, 12 size, three-quarter plate, hunting, key wind and set.


TRAIN BRIDGE
BARREL BRIDGE
COCK

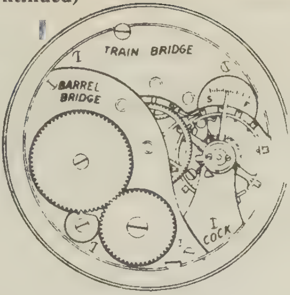
Model 2, 12 size, three-quarter plate, hunting, pendant set, first serial number 7,410,001, Grade 188, Dec., 1897.


TRAIN BRIDGE
BARREL BRIDGE
COCK

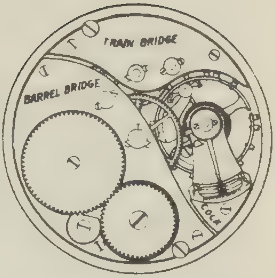
Model 2, 12 size, three-quarter plate, spread to 16 size, hunting, pendant set.


TRAIN BRIDGE
BARREL BRIDGE
COCK

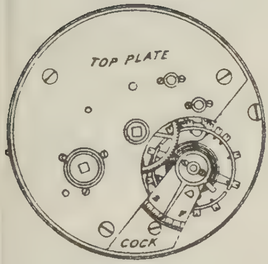
Model 3, 12 size, three-quarter plate, open face, pendant set, serial number 7,423,001, Grade 192, May 1898.


TRAIN BRIDGE
BARREL BRIDGE
COCK

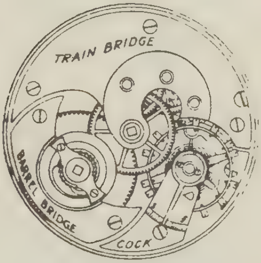
Model 3, 12 size, three-quarter plate, spread to 16 size, open face, pendant set.


TRAIN BRIDGE
BARREL BRIDGE
COCK

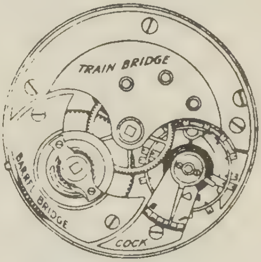
Model 4, 12 size, three-quarter plate, open face, pendant set, serial number 16,311,001, Grade 392, July, 1912.


TOP PLATE
COCK

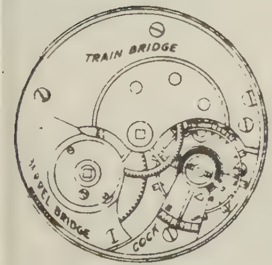
Model 1, 10 size, three-quarter plate, style 1, hunting, key wind and set.


TRAIN BRIDGE
BARREL BRIDGE
COCK

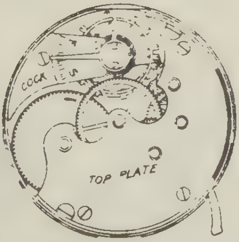
Model 1, 10 size, three-quarter plate, style 2, hunting, key wind and set.


TRAIN BRIDGE
BARREL BRIDGE
COCK

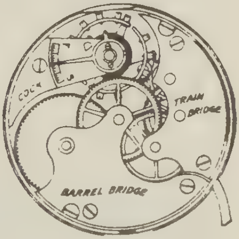
Model 1, 10 size, three-quarter plate, style 3, hunting, key wind and set.


TRAIN BRIDGE
BARREL BRIDGE
COCK

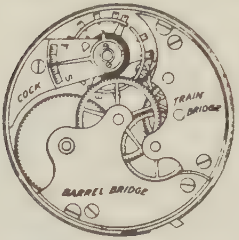
Model 1, 10 size, three-quarter plate, style 4, hunting, key wind and set.


COCK
TOP PLATE

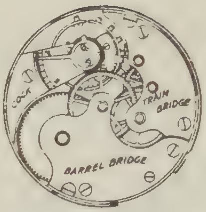
Model 1, 6 size, three-quarter plate, hunting, lever set.


COCK
TRAIN BRIDGE
BARREL BRIDGE

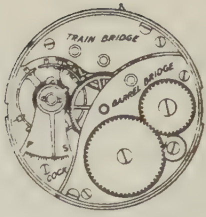
Model 1, 6 size, three-quarter plate, hunting, lever set.


COCK
TRAIN BRIDGE
BARREL BRIDGE

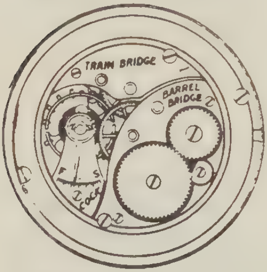
Model 2, 6 size, three-quarter plate, hunting, pendant set, first serial number 4,449,001, Grade 117, March, 1891.


COCK
TRAIN BRIDGE
BARREL BRIDGE

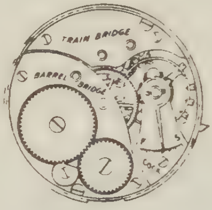
Model 1, 0 size, three-quarter plate, hunting, pendant set, first serial number 2,889,001, Grade 113, Aug., 1885.


TRAIN BRIDGE
BARREL BRIDGE
COCK

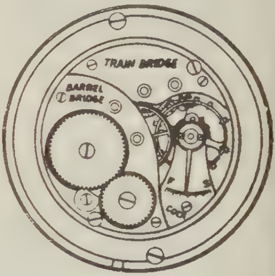
Model 2, 0 size, three-quarter plate, hunting, pendant set, first serial number 7,868,001, Grade 198, Dec., 1898.


TRAIN BRIDGE
BARREL BRIDGE
COCK

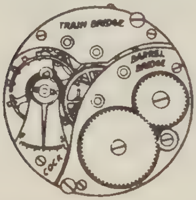
Model 2, 0 size, three-quarter plate, spread to 12 size, hunting, pendant set.


TRAIN BRIDGE
BARREL BRIDGE
COCK

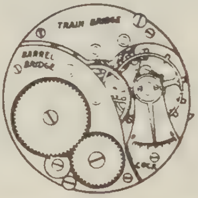
Model 3, 0 size, three-quarter plate, open face, pendant set.


TRAIN BRIDGE
BARREL BRIDGE
COCK

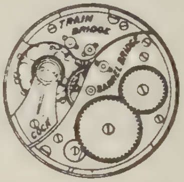
Model 3, 0 size, three-quarter plate, spread to 12 size, open face, pendant set.


TRAIN BRIDGE
BARREL BRIDGE
COCK

Model 2, 3-0 size, three-quarter plate, hunting, pendant set, first serial number 18,149,001, Grade 413, Feb., 1915.

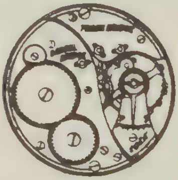

TRAIN BRIDGE
BARREL BRIDGE
COCK

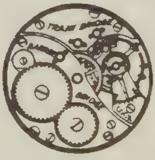
Model 3, 3-0 size, three-quarter plate, open face, pendant set, first serial number 18,179,001, Grade 414, March, 1915.


TRAIN BRIDGE
BARREL BRIDGE
COCK

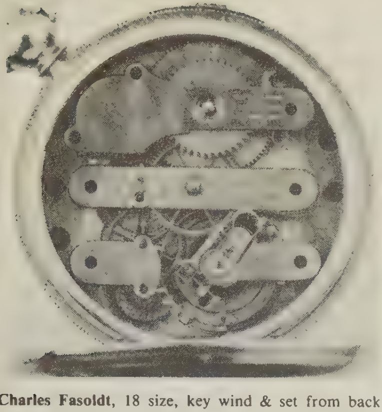
Model 1, 5-0 size, three-quarter plate, hunting, pendant set, first serial number 14,699,001, Grade 380, Feb., 1910.

Model 2, 5-0 size, three-quarter plate, open face, pendant set, first serial number 17,890,001, Grade 399, Feb., 1914.

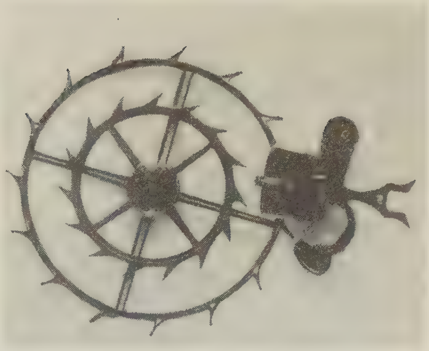




Model 1, 10-0 size, three-quarter plate, open face, pendant set, first serial number 8,752,001, Grade 255, Apr., 1902.



Charles Fasoldt, 18 size, key wind & set from back, chronometer escapement, two escape wheels, serial number 487.



Enlarged example of **Charles Fasoldt's** chronometer double escape wheel. Note three jewel pallet stones.

CHARLES FASOLDT WATCH CO.
Rome, New York
1849 — 1861

Albany, New York
1861 — 1878

Charles Fasoldt came to the United States in 1848. His first watch was for a General Armstrong and was an eight-day movement. About the same time, he made several large regulators and a few pocket chronometers. He displayed some of his work at fairs in Utica and Syracuse and received four First-Class Premiums and two diplomas. In 1850, he patented a micrometric regulator (generally called the Howard Regulator because Howard bought the patent). He also patented a hairspring stud and chronometer escapement and was known for his tower clocks, receiving many awards and medals. He made about 500 watches in Albany and about 50 watches in Rome.

Grade or Name — Description	Avg	Ex-Fn	Mint
18—20 SIZE, GJS, KW, KS .... ★★★	$8,000	$10,000	$12,000

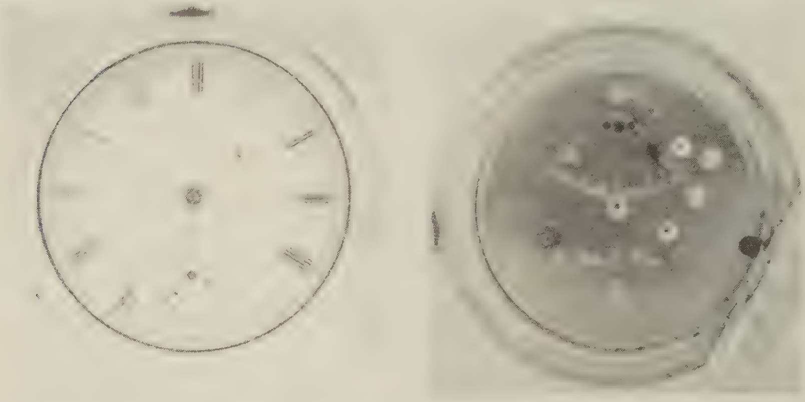
FITCHBURG WATCH CO.
Fitchburg, Massachusetts
1875 — 1878

In 1875 S. Sawyer decided to manufacture watches. He hired personnel from the U. S. Watch Company to build the machinery, but by 1878 the company had failed. It is not known how many, if any, watches were made. The equipment was sold to Cornell and other watch companies.

E. H. FLINT
Cincinnati, Ohio
1877 — 1879

The Flint watch was patented September 18, 1877, and about 50 watches were made. The serial number is found under the dial.

Grade orName — Description	Avg	Ex-Fn	Mint
18 Size, 4-7J, KW, OF, Silveroid case	$3,000	$3,500	$4,000



E.H. Flint dial and movement, 18 size, 4-7 jewels, open face, key wind & set, "Lancaster Pa." on dial, "Patented Sept. 18th, 1877" on movement.

FREDONIA WATCH CO.
Fredonia, New York
1883 — 1885

This company sold the finished movements acquired from the Independent Watch Co. These movements had been made by other companies. The Fredonia Watch Company was sold to the Peoria Watch Co. in 1885, after having produced approximately 20,000 watches.

Fredonia Watch Co. with a reversible case; changes to either hunting or open face.

Chronology of the Development of Fredonia:

Independent Watch Co. to	1880-1883
Fredonia Watch Co. to	1883-1885
Peoria Watch Co.	1885-1895

Fredonia Watch Co., 18 size, 7 jewels, signature on movement "Shimmel & Son, Sturgeon Bay Wisc," serial number 16020.

Fredonia Watch Co., 18 size, 7 jewels, serial number 6595.

Grade or Name — Description	Avg	Ex-Fn	Mint
18S, 11J, KW, KS, HC, Coin	$200	$250	$325
18S, 15J, SW, Multi-color, 14K, HC	1,200	1,500	1,800
18S, KW, Reversible case	275	350	480
18S, 15J, SW, LS, Gilt	195	275	375
18S, 15J, straight line escapement, NI	300	350	450

FREEPORT WATCH CO.
Freeport, Illinois
1874 — 1875

Probably less than 20 watches made by Freeport have survived. Their machinery was purchased from Mozart Co. A Mr. Hoyt was engaged as superintendent. A building was erected but was destroyed by fire on Oct. 21, 1875. A safe taken from the ruins contained 300 completed movements which were said to be ruined.

Grade or Name — Description	Avg	Ex-Fn	Mint
18S, KW, KS ★★★	$4,500	$5,500	$7,000

Freeport Watch Co.

Freeport Watch Co. Example of a basic movement, 18 size, 15 jewels, key wind & set, serial number 2.

LUTHER GODDARD
Shrewsbury, Massachusetts
1809 — 1825

The first significant attempt to produce watches in America was by Luther Goddard. William H. Keith, who became president of Waltham Watch Co. (1861-1866) and was once apprenticed to Goddard, said that the hands, dials, round and dove-tail brass, steel wire, mainsprings and hairsprings, balance verge, chains, and pinions were all imported. The plates, wheels, and brass parts were cast at the Goddard shop, however. He also made the cases for his movements which were of the usual style—open faced, double case—and somewhat in advance of the prevalent style of thick bull's eye watches of the day. About 600 watches were made which were of high quality and more expensive than the imported type. The first watch was produced about 1812 and was sold to the father of ex-governor Lincoln of Worcester, Massachusetts. In 1820 his watches sold for about $60.

About 1870 Goddard built a shop one story high with a hip roof about 18' square; it had a lean-to at the back for casting. The building was for making clocks, but a need

L. Goddard & Son
Shrewsbury

L. Goddard & Son. Examples of basic movements, about 18 size, open face, pair cases; most of the parts are made in America but resemble the English style.

P. Goddard, about 18 size, pair case, verge escapement, chain driven fusse, c. 1815-17, made in shrewsbury, Mass., serial number 600.

LUTHER GODDARD (continued)
for watches developed and Goddard made watches there. He earned the distinction of establishing the first watch factory in America.

His movements were marked as follows: L. Goddard, L. Goddard & Co., Luther Goddard & Son, P. Goddard, L & P Goddard, D. P. Goddard & Co., P. & D. Goddard.

Chronology of the Development of Luther Goddard:

Luther Goddard, "L Goddard," Luther Goddard & Son	1809-1825
L Goddard & Co.	1817-1825
P & D Goddard	1825-1842
D. Goddard & Son	1842-1850
Luther D. Goddard	1850-1857
Goddard & Co.	1857-1860
D. Goddard & Co. (also Benjamen Goddard)	1860-1872

Frank A. Knowlton purchased the company and operated it until 1933.

Grade or Name — Description	Avg	Ex-Fn	Mint
Luther Goddard, S#1-35 with eagle on balance bridge ★ ★ ★	$5,000	$7,000	$9,000
Luther Goddard, without eagle on cock	4,000	5,000	6,500
Luther Goddard, L. Goddard, Luther Goddard & Son, . ★ ★	2,800	3,200	3,800
L. Goddard & Co., P & D Goddard, D. Goddard & Son	1,000	1,500	2,000
Benjamin Goddard, Luther D. Goddard, Goddard & Co., D. Goddard & Co. .... ★	1,000	1,200	1,450
P. Goddard, with eagle on cock	3,000	3,500	4,000

HAMILTON WATCH CO.
Lancaster, Pennsylvania
December 14, 1892 — Present

Hamilton's roots go back to the Adams & Perry Watch Manufacturing Co. On Sept. 26, 1874, E. F. Bowman made a model watch, and the first movement was produced on April 7, 1876. It was larger than an 18S, or about a 19S. The movement had a snap-on dial and the patented stem-setting arrangement. They decided to start making the watches to a more standard size of 18, and no more than 1,000 of the large-size watches were made. Work had commenced on Sept. 1, 1877, at the Lancaster Watch Co. The watches were designed to sell at a cheaper price than normal. It had a one-piece top ¾ plate and a pillar plate that was fully ruby-jeweled (4½ pairs). It had a gilt or nickel movement and a new stem-wind device designed by Mosely & Todd. By mid-1878, the Lancaster Watch Co. had made 150 movements. Four grades of watches were produced: Keystone, Fulton, Franklin, and Melrose. In September 1879 the company had manufactured 334 movements. In 1880 some 1,250 movements had been made. In mid-1882, about 17,000 movements had been assembled. All totaled, about 20,000 movements were made.

The first Hamilton movement to be sold was No. 15 to W. C. Davis on January 31, 1893. The No. 1 movement was finished on April 25, 1896, and it was never sold. The No. 2 was finished on April 25, 1893, and was shipped to Smythe & Ashe of Rochester, N. Y. Nos. 1 & 2 are at the N.A.W.C.C. museum.

Chronology of the Development of Hamilton:

Adams & Perry Watch Co.	Sept. 1874-May 1876
Lancaster, Pa., Watch Co.	Aug. 1877-Oct. 1887
Lancaster, Pa., Watch Co.	Nov. 1877-May 1879
Lancaster Watch Co.	May 1883-1886
Keystone Standard Watch Co.	1886-1890
Hamilton Watch Co.	Dec. 14, 1892-1969

In 1893 the first watch was produced with the Hamilton label. The watches became very popular with the railroad men and by 1923 some 53 percent of Hamilton's production was railroad watches. Although the Hamilton Watch Co. is still in business today making modern type watches, they last produced American-made watches in 1969. business in Lancaster, Pennsylvania making modern type watches.

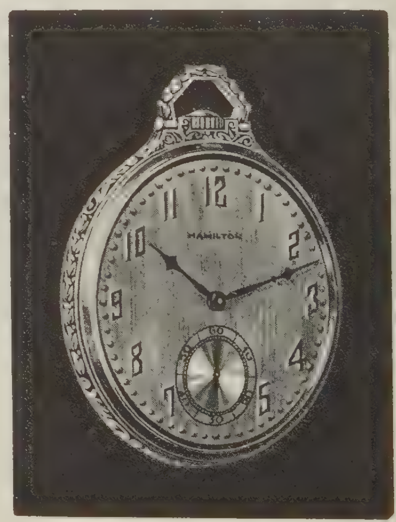
HAMILTON ESTIMATED SERIAL NUMBERS AND PRODUCTION DATES

Date	Serial No:	Date	Serial No.	Date	Serial No.	Date	Serial No.
1893	1-2,000	1906	590,000	1919	1,700,000	1931	2,450,000
1894	5,000	1907	756,000	1920	1,790,000	1932	2,500,000
1895	10,000	1908	921,000	1921	1,860,000	1933	2,600,000
1896	14,000	1909	1,087,000	1922	1,900,000	1934	2,700,000
1897	20,000	1910	1,050,500	1923	1,950,000	1935	2,800,000
1898	30,000	1911	1,290,500	1924	2,000,000	1936	2,900,000
1899	40,000	1912	1,331,000	1925	2,100,000	1937	3,000,000
1900	50,000	1913	1,370,000	1926	2,200,000	1938	3,200,000
1901	90,000	1914	1,410,500	1927	2,250,000	1939	3,400,000
1902	150,000	1915	1,450,500	1928	2,300,000	1940	3,600,000
1903	260,000	1916	1,517,000	1929	2,350,000	1941	3,800,000
1904	340,000	1917	1,580,000	1930	2,400,000	1942	4,025,000
1905	425,000	1918	1,650,000				

NOTE: The serial numbers and dates listed above are only close approximations. The actual date of your watch could vary 2 to 3 years from listed date.

The Hamilton Masterpiece

The adjoining illustration shows the Masterpiece in a platinum case. The dial is sterling silver with raised gold numbers and solid gold hands. This watch sold for $685.00 in 1930. All 922 MP Models included the following: 23 jewels, were adjusted to heat, cold, isochronism, and five positions, with a motor barrel, solid gold train, steel escape wheel, double roller, sapphire pallets and a micrometric regulator.



HAMILTON SERIAL NUMBERS AND GRADES

To help determine the size and grade of your watch, the following serial number list is provided. Serial numbers 30,001 through 32,000, which are omitted from the list, were not listed by Hamilton. To identify your watch, simply look up its serial number which will identify the grade. After determining the grade, your watch can be easily located in the pricing section.

No.	Grade
1-20	936
21-30	932
31-60	936
61-400	932
401-1000	936
1001-20	937
1021-30	933
1031-60	937
1061-1100	933
1101-300	937
1301-600	933
1601-2000	937
2001-3000	7J
3001-100	931
3101-500	935
3501-600	931
3601-900	935
3901-4000	931
4001-300	930
4301-5100	934
5101-400	926
5401-600	934
5601-6000	930
6001-600	936
6601-700	938
6701-800	936
6801-7000	932
7001-10	17J
7011-600	937
7601-700	939
7701-800	937
7801-8000	933
8001-700	936
8701-800	938
8801-9000	936
9001-300	937
9301-600	939
9601-800	937
9801-900	933
9901-10000	939
10001-200	938
10201-400	936
10401-50	932
10451-500	936
10501-700	938
10701-900	936
10901-11000	938
11001-12000	936
12001-200	939
12201-13000	937
13001-400	999
13401-14000	938
14001-15000	999
15001-300	939
15301-15401	21J
15302-700	937
15701-16000	939
16001-100	931
16101-200	930
16201-300	927
16301-400	931
16401-600	927
16601-17000	931
17001-500	929
17501-18000	931
18001-200	928
18201-300	926
18301-500	928
18501-19500	930
19501-700	926
19701-20000	930
20001-300	934
20301-500	926
20501-21000	999
21001-300	935
21301-500	927
21501-800	935
21801-22500	927
22501-800	931
22801-23000	935
23001-200	928
23201-500	7J
24001-500	926
24501-25000	934
25001-100	11J
25101-400	927
25401-800	931
25801-26000	935
26001-500	930
26501-27000	928
27001-28000	929
28001-29000	999
29001-800	927
29801-30000	935
32001-300	926
32301-700	930
32701-33000	934
33001-500	931
33501-800	927
33801-34000	935
34001-500	928
34501-700	930
34701-800	926
34801-35000	934
35001-800	931
35801-36000	935
36001-37000	928
37001-38000	929
38001-500	926
38501-600	930
38601-900	934
38901-39000	926
39001-200	931
39201-500	935
39501-700	927
39701-900	935
39901-40000	931
40001-200	930
40201-500	934
40501-41000	926
41001-500	929
41501-42000	927
42001-43000	999
43001-300	941
43301-500	943
43501-700	937
43701-900	941
43901-44000	943
44001-02	21J
44003-400	938
44401-500	942
44501-45000	936
45001-46000	929
46001-500	926
46501-800	934
46801-47000	930
47001-500	927
47501-700	935
47701-48000	931
48001-05	942
48006-300	940
48301-500	942
48501-900	940
48901-49000	942
49001-400	927
49401-900	925
49901-50	11J
50071-500	962
50501-750	960
50751-50850	964
50851-51000	960
51001-51300	16s
51301-400	963
51401-650	961
51651-750	965
51751-52000	961
52001-300	16s
52301-500	976
52501-700	974
52701-800	966
52801-53000	976
53001-53070	16s
53071-53500	977
53501-900	975
53901-54000	967
54001-200	972
54201-300	974
54301-500	976
54501-700	974
54701-800	968
54801-55000	976
55001-300	973
55301-600	977
55601-700	969
55701-800	977
55801-56000	975
56001-300	974
56301-500	976
56501-600	966
56601-800	972
56801-900	974
56901-57000	976
57001-300	977
57301-500	975
57501-600	973
57601-800	975
57801-58000	977
58001-100	972
58101-200	974
58201-300	972
58301-400	966
58401-500	976
58501-600	972
58601-800	974
58801-59000	976
59001-300	973
59301-500	967
59501-700	975
59701-60000	977
60001-500	976
60501-700	974
60701-61000	976
61001-200	975
61201-500	977
61501-600	973
61601-800	975
61801-62000	977
62001-100	972
62101-300	974
62301-500	976
62501-700	974
62701-900	972
62901-63000	974
63001-500	977
63501-600	975
63601-800	977
63801-900	975
63901-64000	973
64001-100	976
64101-200	972
64201-300	974
64301-600	972
64601-700	976
64701-900	974
64901-65000	976
65001-200	973
65201-300	977
65301-400	975
65401-500	973
65501-700	977
65701-900	975
65901-66000	977
66001-200	976
66201-300	974
66301-500	972
66501-600	976
66601-700	974

HAMILTON WATCH CO. (continued)

No.	Grade
66701-800	972
66801-67000	974
67001-100	977
67101-300	975
67301-600	973
67601-800	975
67801-68000	977
68001-800	960
68801-69000	964
69001-100	977
69101-200	975
69201-400	973
69401-600	975
69601-70000	977
70001-200	976
70201-400	970
70401-600	968
70601-900	972
70901-71000	974
71001-200	975
71201-500	971
71501-700	975
71701-90	973
71791-800	969
71801-900	977
71901-72000	975
72001-100	974
72101-300	976
72301-600	974
72601-700	968
72701-900	976
72901-73000	972
73001-200	975
73201-300	973
73301-74000	977
74001-400	974
74401-600	972
74601-75000	976
75001-76799	HWW*
76002-76800	HWW*
77001-100	969
77101-300	973
77301-500	975
77501-600	971
77601-700	973
77701-900	975
77901-78000	977
78001-500	970
78501-700	972
78701-900	974
78901-79000	976
79001-100	973
79101-300	975
79301-700	977
79701-900	975
79901-80000	973
80001-200	972
80201-400	974
80401-600	970
80601-700	972
80701-900	974
80901-81000	976
81001-300	961
81301-500	965
81501-82000	961
82001-300	972
82301-500	974
82501-600	970
82601-700	972
82701-800	974
82801-900	968
82901-83000	976
83001-400	977
83401-500	971
83501-700	975
83701-800	973
83801-900	975
83901-84000	969
84001-400	974
84401-500	970
84501-700	972
84701-800	968
84801-85000	976
85001-200	937
85201-900	941
85901-86000	943
86001-87000	928
87001-88000	929
88001-500	926
88501-89000	930

No.	Grade
89001-500	941
89501-90000	937
90001-100	926
90101-950	999
91001-92000	925
92001-200	940
92201-93000	936
93001-94000	927
94001-003	934
94004-95000	928
95001-96000	923
96001-100	942
96101-700	940
96701-97000	936
97001-900	929
97901-98000	927
98001-99000	924
99001-100000	925
100001-101000	924
101001-102000	925
102001-103000	922
103001-104000	927
104001-105000	940
105001-500	925
105501-106000	927
106001-107000	940
107001-400	941
107401-500	943
107501-800	941
107801-108000	943
108001-200	928
108201-109000	926
109001-500	927
109501-110000	925
110001-900	940
110901-111000	942
111001-500	937
111501-112000	941
112001-200	928
112201-113000	926
113001-114000	925
114001-003	940
114004-115000	936
115001-116000	927
116001-117000	940
117001-118000	925
118001-119000	999
119001-120000	925
120001-121000	924
121001-500	941
121501-122000	943
122001-300	940
122301-400	942
122401-123000	940
123001-124000	941
124001-100	942
124101-800	940
124801-125000	942
125001-126000	927
126001-127000	924
127001-128000	941
128001-129000	936
129001-130000	925
130001-500	924
130501-131000	926
131001-132000	925
132001-100	926
132101-200	934
132201-500	926
132501-133000	924
133001-134000	937
134001-135000	924
135001-136000	925
136001-137000	926
137001-100	11J
137101-138000	927
138001-139000	940
139001-140000	937
140001-300	938
140301-141000	942
141001-142000	941
142001-143000	940
143001-100	927
143101-144000	925
144001-145000	924
145001-146000	925
146001-400	934
146401-147000	924
147001-148000	927
148001-149000	940

No.	Grade
149001-150000	925
150001-151000	924
151001-400	927
151401-500	935
151501-152000	927
152001-153000	936
153001-154000	941
154001-155000	936
155001-156000	927
156001-157000	940
157001-158000	925
158001-159000	940
159001-160000	941
160001-161000	940
161001-162000	941
162001-163000	926
163001-164000	943
164001-165000	940
165001-166000	925
166001-167000	924
167001-168000	927
168001-169000	940
169001-400	935
169401-170000	927
170001-171000	999
171001-172000	925
172001-100	934
172101-173000	926
173001-174000	925
174001-175000	924
175002-176000	HWW*
175001-699	HWW*
176001-177000	940
177001-178000	927
178001-179000	942
179001-500	935
179501-180000	927
180001-181000	940
181001-182000	941
182001-300	926
182301-400	934
182401-183000	926
183001-184000	941
184001-185000	940
185001-186000	925
186001-187000	942
187001-188000	927
188001-189000	924
189001-190000	925
190001-191000	926
191001-192000	927
192001-193000	924
193001-194000	925
194001-195000	926
195001-500	935
195501-196000	927
196001-197000	926
197001-198000	937
198001-199000	936
199001-200000	925
200001-201000	926
201001-202000	925
202001-500	926
202501-203000	934
203001-204000	927
204001-100	934
204101-500	926
204501-205000	934
205001-206000	941
206001-207000	940
207001-208000	927
208001-900	999
208901-209000	940
209001-210000	925
210001-211000	940
211001-212000	927
212001-213000	940
213001-500	941
213501-600	937
213601-214000	925
214001-215000	924
215001-216000	927
216001-217000	940
217001-218000	927
218001-219000	940
219001-220000	925
220001-221000	924
221001-222000	927
222001-223000	926
223001-02	927

HAMILTON WATCH CO. (continued)

No.	Grade
223003-04	941
223005	937
223006-224000	927
224001-225000	924
225001-226000	927
226001-227000	940
227001-228000	925
228001-229000	924
229001-230000	925
230001-500	926
230501-231000	924
231001-565	937
231566-232000	927
232001-233000	940
233001-234000	941
234001-235000	940
235001-236000	941
236001-237000	936
237001-238000	941
238001-239000	926
239001-500	943
239501-240000	941
240001-241000	940
241001-242000	941
242001-243000	940
243001-244000	927
244001-245000	936
245001-246000	925
246001-247000	940
247001-248000	927
248001-249000	940
249001-250000	927
250001-251000	926
251001-252000	927
252001-253000	924
253001-254000	925
254001-255000	940
255001-256000	925
256001-257000	926
257001-258000	941
258001-259000	924
259001-260000	941
260001-261000	940
261001-262000	927
262001-263000	926
263001-264000	925
264001-265000	940
265001-266000	927
266001-267000	940
267001-268000	925
268001-269000	940
269001-270000	927
270001-271000	940
271001-272000	925
272001-273000	926
273001-274000	941
274001-275000	924
275002-100	HWW*
275102-200	HWW*
275202-460	HWW*
275462-500	HWW*
276001-277000	940
277001-278000	941
278001-279000	940
279001-280000	925
280001-281000	936
281001-282000	927
282001-283000	926
283001-284000	925
284001-500	934
284501-900	924
284901-285000	999
285001-286000	925
286001-287000	940
287001-288000	927
288001-289000	940
289001-290000	927
290001-800	936
290801-291000	938
291001-292000	925
292001-500	940
292501-293000	942
293001-294000	925
294001-295000	926
295001-296000	927
296001-297000	940
297001-298000	927
298001-299000	940
299001-300000	925
300001-300	972
300301-500	970
300501-900	974
300901-301000	968
301001-400	975
301401-500	971
301501-302000	973
302001-100	990
302101-200	992
302201-300	990
302301-900	992
302901-303000	990
303001-100	973
303101-300	971
303301-800	975
303801-304000	973
304001-100	970
304101-400	972
304401-305000	974
305001-100	973
305101-200	971
305201-300	969
305301-900	975
305901-306000	973
306001-400	972
306401-307000	974
307001-100	975
307101-300	971
307301-400	975
307401-500	973
307501-600	975
307601-700	971
307701-900	975
307901-308000	969
308001-700	990
308701-309000	992
309001-100	971
309101-400	973
309401-310000	975
310001-400	970
310401-311000	974
311001-700	975
311701-312000	973
312001-200	970
312201-500	972
312501-600	968
312601-313000	974
313001-100	973
313101-400	971
313401-600	969
313601-314000	975
314001-600	974
314601-900	972
314901-315000	970
315001-100	971
315101-400	973
315401-316000	975
316001-200	992
316201-300	972
316301-500	992
316501-317000	972
317001-600	975
317601-700	969
317701-318000	973
318001-100	972
318101-900	974
318901-319000	970
319001-100	971
319101-320000	975
320001-300	972
320301-400	968
320401-321000	974
321001-200	973
321201-322000	975
322001-323000	974
323001-700	975
323701-324000	973
324001-325000	960
325001-100	965
325101-326000	961
326001-327000	974
327001-300	971
327301-500	973
327501-328000	975
328001-300	992
328301-500	990
328501-329000	992
329001-330000	975
330001-100	992
330101-500	990
330501-331000	992
331001-200	973
331201-400	975
331401-500	969
331501-700	971
331701-800	973
331801-332000	975
332001-200	992
332201-800	972
332801-333000	974
333001-500	975
333501-700	971
333701-900	973
333901-334000	975
334001-200	972
334201-800	992
334801-335000	990
335001-600	975
335601-800	971
335801-900	973
335901-336000	975
336001-200	972
336201-337000	974
337001-338000	975
338001-200	974
338201-900	992
338901-339000	990
339001-300	971
339301-500	973
339501-340000	975
340001-200	974
340201-300	972
340301-600	970
340601-341000	974
341001-200	973
341201-342000	975
342001-300	990
342301-343000	992
343001-344000	975
344001-200	970
344201-400	972
344401-345000	974
345001-346000	975
346001-300	992
346301-347000	974
347001-180	993
347181-200	991
347201-300	975
347301-400	973
347401-700	993
347701-900	991
347901-348000	973
348001-200	970
348201-800	974
348801-349000	972
349001-350000	975
350001-300	990
350301-400	974
350401-600	990
350601-351000	992
351001-352000	975
352001-100	968
352101-353000	974
353001-354000	975
354001-400	992
354401-355000	974
355001-800	975
355801-900	973
355901-356000	993
356001-500	990
356501-357000	974
357001-358000	975
358001-359000	974
359001-360000	975
360001-550	960
360801-361000	960
361001-100	993
361101-300	991
361301-400	993
361401-700	975
361701-20	973
361721-362000	975
362001-900	974
362901-363000	990
363001-364000	975
364001-365000	974
365001-100	975
365101-300	973
365301-366000	975
366001-367000	974
367001-500	975
367501-368000	993
368001-369000	974

HAMILTON WATCH CO. (continued)

No.	Grade
369001-370000	992
370001-100	990
370101-400	992
370401-500	974
370501-800	990
370801-371400	992
371401-500	972
371501-373500	974
373501-700	990
373701-374000	992
374001-200	974
374201-700	990
374701-375000	974
375001-100	993
375101-500	991
375501-376000	975
376001-200	972
376201-500	974
376501-377000	992
377001-200	973
377201-378000	975
378001-379000	974
379001-380800	992
380801-381000	990
381001-382000	992
382001-100	990
382101-383000	974
383001-300	992
383301-700	990
383701-384000	972
384001-700	974
384701-900	972
384901-385000	974
385001-600	972
385601-800	974
385801-386000	990
386001-800	974
386801-900	992
386901-387000	972
387001-100	990
387101-900	992
387901-388000	972
388001-400	990
388401-389000	992
389001-391000	974
391001-300	972
391301-392000	974
392001-800	992
392801-393000	990
393001-400	975
393401-600	973
393601-394000	993
394001-200	972
394201-395000	974
395001-100	993
395101-900	991
395901-396000	993
396001-397000	992
397001-200	990
397201-398000	992
398001-200	972
398201-399000	992
399001-600	993
399601-400000	975
400001-401000	924
401001-402000	940
402001-404000	924
404001-405000	926
405001-406000	924
406001-407000	940
407001-408000	926
408001-416000	940
416001-417000	926
417001-418000	940
418001-419000	926
419001-420000	941
420001-421000	940
421001-422000	926
422001-423000	924
423001-425000	926
425001-426000	924
426001-500	936
426501-427000	944
427001-428000	924
428001-429000	926
429001-430000	925
430001-431000	924
431001-432000	925
432001-433000	940
433001-434000	924
434001-500	940
434501-600	942
434601-435000	946
435001-436000	924
436001-438500	940
438501-800	946
438801-900	942
438901-440000	946
440001-441000	924
441001-442000	940
442001-400	946
442401-500	942
442501-443000	946
443001-444000	926
444001-445000	924
445001-446000	927
446001-447000	924
447001-448000	925
448001-449000	926
449001-450000	924
450001-451000	926
451001-452000	925
452001-453000	940
453001-454000	924
454001-456000	940
456001-457000	999
457001-458000	940
458001-459000	999
459001-110	946
459111-118	942
459119-200	946
459201-700	942
459701-460000	946
460001-461900	940
461901-462000	940
462001-463000	999
463001-500	940
463501-464000	940
464001-466000	926
466001-467000	924
467001-468000	926
468001-469000	940
469001-470000	924
470001-471000	926
471001-472000	946
472001-473000	924
473001-474000	940
474001-475000	924
475001-476000	940
476001-477000	924
477001-478000	940
478001-479000	926
479001-480000	944
480001-481000	926
481001-482000	927
482001-483000	924
483001-484000	926
484001-485000	940
485001-486000	925
486001-487000	999
487001-488000	924
488001-489000	999
489001-492000	924
492001-493000	940
493001-494000	946
494001-495000	944
495001-496000	940
496001-497000	925
497001-498000	999
498001-499000	936
499001-501000	940
501001-900	926
501901-502000	934
502001-503000	926
503001-504000	999
504001-507000	940
507001-508000	999
508001-509900	940
509901-510000	942
510001-511500	940
511501-700	942
511701-517000	940
517001-519000	924
519001-521000	925
521001-523000	944
523001-524000	946
524001-531000	940
531001-532000	926
532001-10	934
532011-533000	926
533001-535500	999
535501-536000	940
536001-537000	936
537001-538000	924
538001-543000	940
543001-544000	927
544001-200	934
544201-545000	926
545001-546000	925
546001-547000	924
547001-548000	926
548001-549000	999
549001-551000	946
551001-553000	944
553001-555000	940
555001-556000	936
556001-558000	924
558001-560000	925
560001-561000	999
561001-562000	926
562001-564000	924
564001-565000	926
565001-568000	940
568001-569000	936
569001-571000	924
571001-576000	940
576001-200	942
576201-578000	940
578001-580000	924
580001-582000	926
582001-584000	925
584001-585000	927
585001-587000	999
587001-592000	940
592001-593000	926
593001-594000	924
594001-601000	940
B600001-601000	999 Ball
601001-601800	926
B601001-601800	999 Ball
601801-602000	934
B601801-602000	999 Ball
602001-603000	926
B602001-603000	999 Ball
603001-604000	926
B603001-604000	999 Ball
604001-605000	926
B604001-605000	999 Ball
605001-606000	925
B605001-606000	999 Ball
606001-607000	925
B606001-607000	999 Ball
607001-608000	925
B607001-608000	999 Ball
608001-613000	924
B608001-613000	999 Ball
613001-614000	925
B613001-614000	999 Ball
614001-616500	924
B614001-616500	999 Ball
616501-617000	934
B616501-617000	999 Ball
617001-619000	926
B617001-619000	999 Ball
619001-620000	927
B619001-620000	999 Ball
620001-622700	940
B620001-622700	999 Ball
622701-623000	942
B622701-623000	999 Ball
623001-624000	941
B623001-624000	999 Ball
624001-625000	936
B624001-625000	999 Ball
625001-626000	925
B625001-626000	999 Ball
626001-627000	926
B626001-627000	999 Ball
627001-628000	924
B627001-628000	999 Ball
628001-630800	925
B628001-630800	999 Ball
631001-636000	940
B631001-636000	999 Ball
636001-637000	941
B636001-637000	999 Ball
637001-638000	936
B637001-638000	999 Ball
638001-639000	926
B638001-639000	999 Ball
639001-640000	925
B639001-640000	999 Ball

HAMILTON WATCH CO. (continued)

No.	Grade
640001-642000	924
B640001-644400	999 Ball
644401-645000	940
645001-645500	927
B645001-645500	999 Ball
645501-646000	925
B645501-646000	999 Ball
646001-647000	926
B646001-647000	999 Ball
647001-648000	940
B647001-648000	999 Ball
648001-649000	940
B648001-649000	998 Ball
B649001-650000	998 Ball
B650001-651000	999 Ball
651001-652000	940
B651001-652000	998 Ball
652001-652700	924
B652001-652700	998 Ball
652701-652800	924
652801-652900	927
652901-653000	937
653001-655000	940
B653001-655000	999 Ball
655001-655200	924
B655001-655200	999 Ball
655201-656000	924
656001-657000	926
657001-659000	927
659001-660000	925
660001-661000	927
661001-662000	924
662001-664000	940
664001-666000	924
666001-667000	940
667001-668000	941
668001-669000	926
669001-670000	999
670001-100	937
670501-673000	925
673001-675000	926
675001-677000	940
677001-678000	924
678001-679200	927
679201-680000	926
680001-685000	924
685001-687000	940
687001-688000	925
688001-689000	946
689001-694000	940
694001-696000	924
696001-697000	941
697001-700000	924
700001-702000	974
702001-703800	992
703801-704000	990
704001-400	992
704401-705000	990
705001-700	972
705701-706000	974
706001-707000	990
707001-800	972
707801-708000	990
708001-709500	975
709501-710000	973
710001-800	993
710801-711000	991
711001-300	973
711301-712000	975
712001-600	993
712601-713000	991
713001-714900	975
714901-715000	991
715001-716000	993
716001-100	972
716101-717000	974
717001-200	991
717201-718000	975L
718001-721500	974
721501-722000	992
722001-724000	974
724001-725000	972
725001-726000	974
726001-727000	992
727001-728000	974
728001-729000	992
729001-730000	975
730001-731000	992
731001-732000	975
732001-734000	992
734001-735000	975
735001-736000	974

No.	Grade
736001-738000	975
738001-739000	974
739001-740000	975
740001-100	974
740101-200	972
740201-900	974
740901-741000	975
741001-742000	992
742001-743000	974
743001-300	975
743301-400	993
743401-744000	975
744001-500	974
744501-745000	992
745001-747000	975
747001-700	974
747701-748000	972
748001-749500	992
749501-750000	974
750001-100	961
750101-200	961
750201-700	950
750701-751000	952
751001-752000	960
752001-500	952
752501-753000	950
753001-500	952
753501-754000	950
754001-100	960
754101-500	952
754501-755000	960
755001-400	992
755401-500	974
755501-700	972
755701-900	974
755901-756000	972
756001-757000	974
757001-300	975
757301-500	993
757501-758000	975
758001-100	972
758101-759000	992
759001-760000	975
760001-400	992
760401-600	972
760601-800	974
760801-761000	992
761001-400	975
761401-600	993
761601-762000	975
762001-200	992
762201-300	972
762301-763000	974
763001-300	993
763301-600	973
763601-764000	975
764001-300	992
764301-400	972
764401-765000	974
765001-300	992
765301-767000	974
767001-600	992
767601-800	972
767801-768000	974
768001-769000	975
769001-700	992
769701-770000	972
770001-100	974
770101-771200	992
771201-400	972
771401-772000	974
772001-773000	975
773001-800	992
773801-774000	972
774001-775000	975
775001-500	952
775501-776000	950
776001-300	973
776301-700	993
776701-777000	975
777001-300	972
777301-778300	974
778301-800	992
778801-900	972
778901-779300	974
779301-780100	992
780101-300	972
780301-781300	992
781301-400	972
781401-500	974
781501-782000	992
782001-783000	975

No.	Grade
783001-600	992
783601-784000	974
784001-785000	992
785001-500	952
785501-786000	950
786001-787000	992
787001-400	974
787401-788000	972
788001-791300	992
791301-792600	974
792601-900	972
792901-793700	992
793701-900	990
793901-794000	992
794001-200	972
794201-795000	974
795001-796400	992
796401-800	972
796801-797200	974
797201-500	954
797501-798000	974
798001-500	990
798501-800	972
798801-799000	974
799001-200	954
799201-600	992
799601-800000	954
800001-802000	974
802001-200	954
802201-2	972
802203-300	954
802301-500	972
802501-803700	974
803701-804200	954
804201-806000	974
806001-807000	975
807001-500	993
807501-808800	975
808801-809000	993
809001-500	974
809501-600	972
809601-810000	974
810001-300	990
810301-812000	974
812001-700	992
812701-813000	974
813001-814000	974P
814001-800	974L
814801-815900	992
815901-816000	974L
816001-817000	974P
817001-819000	974L
819001-820000	974P
820001-821500	974L
821501-822000	990L
822001-700	992L
822701-823000	974L
823001-824000	974P
824001-826000	975P
826001-500	975L
826501-827000	993
827001-828000	975P
828001-829000	974L
829001-830000	974P
830001-500	990L
830501-831000	992L
831001-100	954P
831101-200	972P
831201-500	954P
831501-832000	974P
832001-400	974L
832401-833000	992L
833001-834000	990L
834001-600	974P
834601-800	974L
834801-835000	974P
835001-600	992L
835601-800	990L
835801-836000	974L
836001-500	974P
836501-900	954P
836901-837000	974P
837001-838000	975P
838001-839000	975L
839001-400	974L
839401-700	992L
839701-840000	990L
840001-400	952L
840401-900	950L
840901-841000	952L
841001-842000	975P

HAMILTON WATCH CO. (continued)

No.	Grade
842001-843000	974L
843001-844000	974P
844001-200	993
844201-845000	975
845001-200	992
845201-400	972
845401-700	954
845701-846000	972
846001-500	952
846501-847000	950
847001-200	972
847201-849000	974
849001-850000	975
850001-300	992
850301-800	990
850801-851000	972
851001-400	993
851401-852000	975
852001-853000	992
853001-854000	974
854001-600	950
854601-900	952
854901-855100	960L
855101-856000	950L
856001-857840	975
857841-858000	975L
858001-500	974
858501-859000	972
859001-860000	974
860001-862300	992
862301-400	954
862401-500	972
862501-600	954
862601-800	972
862801-863000	974
863001-864000	992
864001-865000	975
865001-866000	992
866001-600	974
866601-700	954
866701-867000	972
867001-868000	975
868001-869000	992
869001-870000	975
870001-872000	992
872001-200	993
872201-874000	975
874001-800	974
874801-875000	975
875001-300	952
875301-876000	975
876001-600	993
876601-877000	975
877001-400	992
877401-700	975
877701-878000	993
878001-879400	975
880001-600	992
880601-882400	974
882401-883400	992
883401-884100	974
884101-885300	992
885301-886000	974
886001-887000	992
887001-300	974
887301-890300	992
890301-891000	974
891001-600	992
891601-892200	978
892201-896200	992
896201-897800	974
897801-898000	972
898001-899100	992
899101-500	978
899501-900000	974
900001-902000	940
902001-904000	926
904001-906000	924
906001-914000	940
914001-916000	926
916001-917000	927
917001-919000	925
919001-921000	940
921001-923000	924
923001-500	999
923501-924000	925
924001-926000	940
926001-100	927
927001-929000	926
929001-933000	924
933001-935000	925
935001-937000	926
937001-939000	940
939001-941000	924
941001-944000	940
944001-949000	926
949001-952000	925
952001-958000	924
958001-960000	926
960001-968000	940
968001-970000	926
970001-971700	924
971701-972000	948
972001-973000	924
973001-974000	936
974001-975400	924
975401-25 Spec.	926
975426-976000	924
976001-979000	940
979001-100	942
979101-981000	940
981001-982000	948
982001-984000	924
984001-986000	940
986001-987000	946
987001-988000	936
988001-992000	940
992001-996000	924
996001-999998	940
999999-1000000	947
1000001-1000300	972
1000301-1003000	992
1003001-1004000	974
1004001-900	992
1004901-1007100	974
1007101-1008300	992
1008301-1009500	974
1009501-1010700	992
1010701-1011200	972
1011201-1012700	974
1012701-1013000	992
1013001-1015000	978
1015001-300	974
1015301-1016000	992
1016001-300	975
1016301-600	973
1016601-1018000	993
1018001-1020000	992
1020001-1022600	950
1022601-1023000	952
1023001-700	992
1023701-1024500	974
1024501-600	974
1024601-1025000	972
1025001-1027000	975
1027001-400	993
1027401-1029600	975
1029601-1030000	973
1030001-1032000	992
1032001-1033000	974
1033001-200	972
1033201-800	954
1033801-1035300	974
1035301-600	972
1035601-1036000	974
1036001-300	972
1036301-800	954
1036801-1037000	992L
1037001-1038000	974
1038001-1039000	992
1039001-200	972
1039201-500	978
1039501-1040300	974
1040301-1041000	992
1041001-1042000	974
1042001-700	992
1042701-1043000	972
1043001-700	978
1043701-1044000	992
1044001-1045000	974
1045001-1046000	992
1046001-1047000	975
1047001-1048000	974L
1048001-1049000	992
1049001-500	990
1049501-1051000	992
1051001-200	975
1051201-1052000	993
1052001-500	972P
1052501-900	954
1052901-1053000	974
1053001-1054000	992
1054001-1056000	974
1056001-1057000	975
1057001-1061300	992
1061301-1062300	972
1062301-1066000	992
1066001-1068000	974
1068001-1069000	975
1069001-1070000	974
1070001-1071000	992L
1071001-1073000	975P
1073001-1075000	992
1075001-1076200	974L
1076201-700	972L
1076701-1077000	978L
1077001-1079000	974P
1079001-1080000	992L
1080001-100	952L
1080101-200	960L
1080201-400	994L
1080401-1081000	950L
1081001-1082000	978L
1082001-400	993L
1082401-1083000	973L
1083001-1084000	990L
1084001-1085000	992L
1085001-1086000	992L
1086001-1088000	974P
1088001-1091000	992L
1091001-200	978L
1091201-1092000	974L
1092001-1093000	992L
1093001-1095000	974P
1095001-1096000	992P
1096001-400	974L
1096401-1097000	974P
1097001-1098000	992L
1098001-400	975P
1098401-1099000	975L
1099001-600	993L
1099601-1100000	975P
1100001-1104000	992L
1104001-1105000	974P
1105001-1106000	992L
1106001-500	978L
1106501-1107000	972L
1107001-1109000	992L
1109001-1111000	972L
1111001-1112000	974L
1112001-1113000	974P
1113001-1116000	992L
1116001-900	974P
1116901-1117000	974L
1117001-1119000	992L
1119001-1120000	978L
1120001-1122000	992L
1122001-1123000	974P
1123001-500	972P
1123501-1125000	974P
1125001-1127000	992L
1127001-1128000	972L
1128001-1129000	974L
1129001-1130500	974P
1130501-1131000	956P
1131001-1132000	992L
1132001-1133000	990L
1133001-1134000	978L
1134001-1135000	972L
1135001-1137000	992L
1137001-1138000	956P
1138001-1139000	956P
1139001-1140000	978L
1140001-1141000	972L
1141001-1142000	956P
1142001-500	974P
1142501-1145000	974L
1145001-1146000	975P
1146001-500	956P
1146501-1149000	974P
1149001-1150000	974L
1150001-600	950L
1150601-1151800	952L
1151801-1152000	952P
1152001-900	950P
1152901-1153200	952P
1153201-300	
1153301-500	994P
1153501-800	994L
1153801-1154000	960L
1154001-500	950L
1154501-1155000	950P
1155001-200	994P
1155201-500	994L
1156001-1158000	996L
1158001-1160000	974P

No.	Grade
1160001-1162000	992L
1162001-500	993L
1162501-1164000	992L
1164001-1166000	974P
1166001-1167000	974L
1167001-1168000	956P
1168001-1169000	975P
1169001-1170000	974P
1170001-1174000	956P
1174001-1176000	974P
1176001-1177000	992L
1177001-1178000	956P
1178001-1179000	974P
1179001-1181000	996L
1181001-1182000	992L
1182001-1183000	996L
1183001-1184400	974P
1184401-1185400	956P
1185401-1186000	974P
1186001-1187000	992L
1187001-1188000	996L
1188001-1189000	992L
1189001-1190000	974P
1190001-1192000	996L
1192001-1193000	975P
1193001-1194000	974P
1194001-1195000	956P
1195001-1196000	974P
1196001-1199000	992L
1199001-1201000	974P
1201001-1202000	975P
1202001-1203000	992L
1203001-1204000	974P
1204001-500	956P
1204501-1206000	974P
1206001-1207000	992L
1207001-1210000	974P
1210001-1212000	992L
1212001-1213000	974P
1213001-500	996L
1213501-1214000	992L
1214001-1214600	993L
1214601-1215000	975P
1215001-1216000	974L
1216001-1219000	992L
1219001-1220000	974P
1220001-1221000	992L
1221001-1223500	974P
1223501-1224000	956P
1224001-1227000	992L
1227001-1228000	972L
1228001-700	992L
1228701-1229000	990L
1229001-500	956P
1229501-1230000	974P
1230001-1231000	974L
1231001-1232000	992L
1232001-1233000	974P
1233001-1236000	992L
1236001-500	974P
1236501-1237000	956P
1237001-500	996L
1237501-1238000	992L
1238001-1239000	956P
1239001-1241000	992L
1241001-1242000	975P
1242001-400	974L
1242401-1243000	972L
1243001-500	996L
1243501-1244000	992L
1244001-1245000	974P
1245001-1246000	992L
1246001-300	974P
1246301-800	956P
1246801-1247000	974L
1247001-1248000	992L
1248001-1249700	974P
1249701-1250000	956P
1250001-1252000	983
1252001-1253000	985
1253001-1257000	983
1257001-900	985
1260001-970	Chro.*
1260971-1265000	
1265001-1266000	956P
1266001-1267000	974P
1267001-1268200	978L
1268201-1269000	978L
1269001-600	992L
1269601-1270000	992L
1270001-1271700	956P
1271701-1272000	974P
1272001-1274000	996L
1274001-500	993L
1274501-700	992L
1274701-1275000	992L
1275001-1276000	972L
1276001-1277000	974L
1277001-1278000	992L
1278001-1279000	975P
1279001-1280000	974P
1280001-1281000	992L
1281001-800	974P
1281801-1282000	956P
1282001-1284000	996L
1284001-1285000	992L
1285001-1286000	956P
1286001-1288000	978L
1288001-500	993L
1288501-1289100	992L
1289101-700	990L
1289701-1290000	992L
1290001-1291500	974P
1291501-1292000	992P
1292001-1297000	992L
1297001-1298000	974P
1298001-1299000	992L
1299001-1300000	975P
1300001-1301000	974P
1301001-1302000	974L
1302001-500	992L
1302501-1303000	990L
1303001-500	972L
1303501-1304000	972P
1304001-1305000	978L
1305001-1306000	956P
1306001-1307000	974P
1307001-1308500	992L
1308501-1309000	993L
1309001-1310000	974L
1310001-1311000	972L
1311001-1312000	992L
1312001-800	974P
1312801-1313000	956P
1313001-1317000	992L
1317001-1318000	956P
1318001-1321000	992L
1321001-300	990L
1321301-1322000	992L
1322001-700	974L
1322701-1323000	972L
1323001-1324000	992L
1324001-1325000	996L
1325001-1326500	975P
1326501-1327000	993L
1327001-300	956P
1327301-1329000	974P
1329001-1330000	992L
1330001-1331300	974L
1331301-800	972L
1331801-1332000	978L
1332001-1334000	992L
1334001-400	974P
1334401-1335000	956P
1335001-300	978L
1335301-1336000	972L
1336001-1337000	992L
1337001-1338200	996L
1338201-1339000	996L
1339001-1340000	956P
1340001-1341000	992L
1341001-300	972L
1341301-500	974L
1341501-1342000	978L
1342001-1343000	992L
1343001-400	956P
1343401-1344000	974P
1344001-1345000	992L
1345001-600	974L
1345601-1346000	972L
1346001-1348000	975P
1348001-1349000	974P
1349001-1350000	992L
1350001-600	972L
1350601-1351000	974L
1351001-1352000	993L
1352001-1352300	974L
1352301-800	978L
1352801-1353000	974L
1353001-500	972P
1353501-1354200	956P
1354201-700	992P
1354701-1355000	974P
1355001-1356000	992L
1356001-1357000	974P
1357001-1359800	992L
1359801-1361000	996L
1361001-1362000	992L
1362001-600	974P
1362601-1363000	956P
1363001-1364000	992L
1364001-1365000	975P
1365001-800	956P
1365801-1367000	974P
1367001-1369400	992L
1369401-1370000	996L
1370001-1371000	974L
1371001-600	996L
1371601-1373000	992L
1373001-1374000	975P
1374001-1375000	992L
1375001-1376000	950L
1376001-1377000	992L
1377001-1378300	974P
1378301-1379000	956P
1379001-1380200	972L
1380201-1381000	978L
1381001-500	956P
1381501-1383000	974P
1383001-1384000	992L
1384001-1386100	974P
1386101-1387000	956P
1387001-1388000	992L
1388001-400	978L
1388401-1389000	978L
1389001-300	956P
1389301-1390000	956P
1390001-1391000	992L
1391001-500	956P
1391501-1392000	974P
1392001-1393000	992L
1393001-1394000	974P
1394001-1396000	992L
1396001-500	972L
1396501-1398000	974L
1398001-400	974P
1398401-1399000	956P
1399001-1400000	992L
1400001-1401000	936
1401001-1403000	924
1403001-1409000	940
1409001-500	946
1409501-1410000	940
1410001-1414000	924
1414001-300	941
1414501-1415000	925
1415001-1417000	924
1417001-1419000	940
1419001-1420000	924
1420001-1421000	940
1421001-1422000	924
1422001-1424000	940
1424001-1428000	924
1428001-1430000	940
1430001-200	924
1430201-400	948
1430401-1431000	924
1431001-1433000	940
1433001-1438000	924
1438001-500	926
1438501-1439500	924
1439501-1440000	926
1440001-1441000	940
1441001-1442000	924
1442001-500	926
1442501-1444000	924
1444001-1445000	940
1445001-1447000	924
1447001-1448200	940
1449001-1450500	924
1500001-600	974P
1500601-1501200	956P
1501201-1502000	974P
1502001-1503000	993L
1503001-1504000	996L
1504001-500	974L
1504501-1505200	972L
1505201-700	978L
1505701-1506000	974L
1506001-1507000	975P
1507001-1508000	992L
1508001-400	974P
1508401-1509000	956P

HAMILTON WATCH CO. (continued)

No.	Grade
1509001-1510000	992L
1510001-1511000	974L
1511001-1512000	975P
1512001-1513200	992L
1513201-600	992P
1513601-1514000	992L
1514001-200	956P
1514201-1515000	974P
1515001-1516000	992L
1516001-1517000	974P
1517001-1520000	992L
1520001-1521200	974L
1521201-1522000	978L
1522001-600	974P
1522601-1525000	956P
1525001-1527000	996L
1527001-1528000	992L
1528001-1531000	974P
1531001-1533000	992L
1533001-600	974P
1533601-1534000	956P
1534001-100	975P
1535101-200	975P
1535201-600	975P
1535601-1536000	993L
1536001-1537000	972L
1537001-1538000	992L
1538001-800	956P
1538801-1539000	974P
1539001-1540000	992L
1540001-500	992P
1540501-1541000	992L
1541001-1542200	974P
1542201-800	956P
1542801-1543000	974P
1543001-1544000	996L
1544001-1545000	992L
1545001-400	978L
1545401-1546000	974L
1546001-1548000	992L
1548001-600	974L
1548601-1549000	972L
1549001-1550000	974P
1550001-500	972P
1550501-1552000	974P
1552001-1555000	992L
1555001-1557000	993P
1557001-800	972L
1557801-1558000	974L
1558001-500	956
1558501-1559700	956P
1559701-1560000	974P
1560001-1561000	975P
1561001-1563000	992L
1563001-1565000	978L
1565001-1567000	992L
1567001-1568000	974L
1568001-1569000	992L
1569001-1571000	972L
1571001-1572000	974P
1572001-1573000	975P
1573001-1575000	974P
1575001-400	950L
1575401-1576000	950P
1576001-1577000	950L
1577001-1578000	975P
1578001-1580000	992L
1580001-1581200	974L
1581201-1582000	956P
1582001-1583000	974P
1583001-1584000	992L
1584001-1585000	978L
1585001-1586000	972L
1586001-1587000	992L
1587001-500	992P
1587501-1589000	992L
1589001-500	956P
1589501-1590000	974P
1590001-1591000	974L
1591001-1592000	992L
1592001-1593000	974P
1593001-1595000	992L
1595001-200	974P
1595201-900	956P
1595901-1596000	974P
1596001-1611000	992L
1611001-1612100	974P
1612101-1613000	956P
1613001-600	996L
1614001-900	956P
1614901-1615000	974P
1615001-1625000	992L
1625001-200	950L
1625201-1626000	952L
1626001-1627000	974P
1627001-1633000	992L
1633001-1635000	950L
1635001-1636000	992L
1636001-1637000	956P
1637001-1638000	974P
1638001-1642800	992L
1642801-1643000	992P
1643001-1644000	992L
1644001-1646000	974L
1646001-1648000	972L
1648001-1649000	992L
1649001-1652000	974P
1652001-1653000	950L
1653001-1654000	956P
1654001-1657000	974P
1657001-1660000	992L
1660001-1661000	978L
1661001-1663000	974P
1663001-1664000	974L
1664001-1665000	950L
1665001-1666000	974P
1666001-1667000	956P
1667001-1669000	974P
1669001-1670000	978L
1670001-1671000	974P
1671001-300	992L
1671301-900	992P
1671901-1672000	992L
1672001-1676000	974P
1676001-1678000	992L
1678001-1679000	974P
1679001-1681000	974L
1681001-1682000	974P
1682001-1683000	956P
1683001-1685000	974P
1685001-1686000	992L
1686001-1688000	974P
1688001-500	978L
1689001-600	975P
1690001-1691000	956
1691001-1693000	992L
1693001-1696000	956P
1696001-1699000	992L
1699001-1703000	974P
1703001-1704000	992L
1704001-1705000	956P
1705001-1706000	974P
1706001-1707100	992L
1708001-1714000	992L
1714001-1715000	974P
1715001-1717000	992L
1717001-800	956
1718001-1750000	992L
1750001-1761000	900
1761001-1765000	914
1765001-1767000	920
1767001-1768000	914
1768001-1769000	900
1769001-1770000	920
1770001-1778200	914
1778201-1779000	910
1779001-1780000	920
1780001-1782000	910
1782001-500	920
1782501-1783000	900
1783001-1808000	910
1808001-1810000	914
1810001-1811000	910
1811001-1813000	900
1813001-1818000	910
1818001-1819000	914
1819001-1821000	910
1821001-1822000	914
1822001-1827000	910
1827001-600	914
1827601-1829100	910
1829101-500	914
1829501-1830000	910
1830001-1831000	900
1831001-1832000	920
1832001-700	910
1832701-1833300	914
1833301-1834500	910
1834501-1835400	914
1835401-1836900	910
1836901-1837400	914
1837401-1839000	910
1839001-500	914
1839501-1844700	910
1844701-1845700	914
1845701-1848300	910
1848301-1849500	914
1849501-1851900	910
1851901-1853100	914
1853101-1856800	910
1856801-1857900	914
1857901-1860300	910
1860301-1861000	914
1861001-1863000	900
1863001-700	920
1863701-1864300	900
1864301-1865000	920
1865001-500	914
1865501-1870300	910
1870301-1871500	914
1871501-1875100	910
1875101-600	914
1875601-1876500	910
1876501-1877500	914
1877501-1878700	910
1878701-1880000	914
1880001-300	920
1880301-1881500	900
1881501-700	920
1881701-900	900
1881901-1882900	920
1882901-1885000	900
1885001-1887400	910
1887401-1888600	914
1888601-1891000	910
1891001-1892200	914
1892201-1894600	910
1894601-1895800	914
1895801-1899000	910
1899001-300	900
1899301-1900000	920
1900001-400	910
1900401-1902100	914
1902101-1907000	910
1907001-1909000	914
1909001-1910000	910
1910001-500	920
1910501-1911000	900
1911001-1913000	920
1913001-1914000	900
1914001-1920000	910
1920001-1922000	920
1922001-1924000	910
1924001-1925000	900
1925001-1936000	910
1936001-1937000	920
1937001-900	900
1940001-1941000	914
1941001-1949000	910
1949001-1950000	914
1950001-1962000	910
1962001-1963000	914
1963001-1975000	910
1975001-1976000	914
1976001-1980000	910
1980001-1981000	914
1981001-1988500	910
1989001-400	914
2000001-2001700	988
2001701-2002400	986
2002401-800	988
2002801-2003100	986
2004001-2035000	986
2035001-2037200	981
2040001-2064900	986
2100001-2191300	986A
2200001-2248000	987
2248001-2300000	987F
2300001-2311000	992L
2311001-2312000	974L
2312001-2321700	992L
2321701-2323000	974L
2323001-2326000	992L
2326001-2327000	974P
2327001-2333000	992L
2333001-2336000	974P
2336001-2338000	992L
2338001-2339000	974P
2339001-2340000	974L
2340001-2341000	974P
2341001-2346000	992L
2346001-2347000	974P
2347001-2356000	992L

HAMILTON WATCH CO. (continued)

No.	Grade
2356001-2358000	974P
2358001-2364000	992L
2364001-2365000	974P
2365001-2374000	992L
2374001-2375000	974P
2375001-2378000	992L
2378001-2380000	974L
2380001-2383000	992L
2383001-2384000	950L
2384001-2385000	992L
2385001-2396000	974P
2386001-2390000	992L
2390001-2391000	974P
2391001-2393000	992L
2393001-2395000	974P
2395001-2397000	992L
2397001-2398000	974L
2398001-2401000	992L
2401001-2402000	974P
2402001-2407000	992L
2407001-2409000	974P
2409001-2413000	992L
2413001-2414000	974P
2414001-2415000	974L
2415001-2418000	992L
2418001-2420000	974P
2420001-2422000	992L
2422001-2423000	974P
2423001-2432000	992L
2432001-2433000	974P
2433001-2434000	992L
2434001-2435000	974P
2435001-2437000	992L
2437001-2438000	974P
2438001-2442000	992L
2442001-2445000	974P
2445001-2451000	992L
2451001-2453000	974P
2453001-2455000	992L
2455001-2456000	974P
2456001-2457000	992L
2457001-2458000	950L
2458001-2459000	974L
2459001-2461000	992L
2461001-2462000	974L
2462001-2464000	992L
2464001-2466000	974P
2466001-2468000	992L
2468001-2469000	974P
2469001-2472000	992L
2472001-2473000	974P
2473001-2474000	992L
2474001-2475000	974P
2475001-2476000	992L
2476001-2477000	974P
2477001-2490000	992L
2490001-2492000	974L
2492001-2504000	992L
2504001-2505000	950L
2505001-300	950L
2506001-2526000	992L

No.	Grade
2526001-2528000	974P
2528001-2533000	992L
2533001-2534000	974P
2534001-2535000	992L
2535001-2536000	974P
2536001-2537000	974L
2537001-2538000	974P
2538001-2539000	974L
2539001-2542000	974P
2542001-2543000	992L
2543001-2545000	974P
2545001-2547000	992L
2547001-2548400	974P
2548401-2548600	974L
2548601-2548700	974P
2548701-2550000	974L
2550001-2551000	992L
2551001-2552000	974L
2552001-2555000	992L
2555001-2555600	974L
2555701-2557000	974L
2558001-2560000	992L
2560001-2561000	974L
2561001-2563000	992L
2563001-2564000	974L
2564001-2566000	992L
2566001-2566800	974L
2567001-2581000	992L
2581001-2583900	992E
2583901-2584300	992L
2584301-2596000	992E
2596001-2597000	974L
2597001-2608000	992E
2608001-2608800	974L
2609001-2611000	992E
2611001-2611400	950L
2611401-2613000	950E
2613001-2618000	992E
2618001-2619000	950E
2619001-2631000	992E
2631001-2631600	950E
2631801-2632000	950E
2632001-2639000	992E
2639001-2641000	950E
2641001-2649000	992E
2649001-2650600	950E
2651001-2655300	992E
2900001-2911500	979
2911601-2931900	979F
3000001-3002300	922
3002301-3002500	922M.P.
3002501-3003800	922
3003801-3004000	922M.P.
3004001-3006100	922
3006101-3006300	922M.P.
3006301-3008000	922
3008001-3008600	922M.P.
3008601-3010000	922
3010001-3010500	922
3010501-3010700	922M.P.
3010701-3011900	922

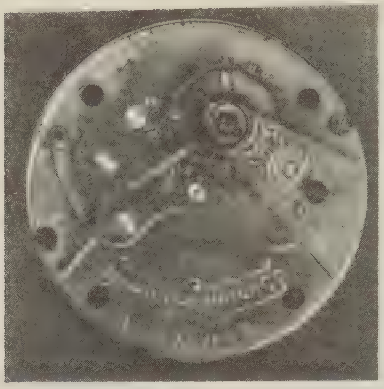
No.	Grade
3011901-3012500	922M.P.
3012501-3013100	922
3013101-3013700	922M.P.
3013701-3015700	922
3050001-3054800	902
3054801-3056000	922
3056001-3060800	902
3061001-3065100	904
3100001-3133800	916
3135001-3152700	918
3200001-3460900	912
4000001-4447201	987F
4447301-4523000	987E
A-001 to A-8450	980B
1B-001 to 1B-4000	999B
2B-001 to 2B-700	999B
2B-701 to 2B-800	950B
C-001 to C-169000	992B
E-001 to E-114000	989
E-114001 to E-140400	989E
F-101 to F-57600	995
F-57601 to F-59850	995A
F-59851 to F-62000	995
F-62001 to F-63000	995A
F-63001 to F-63800	995
F- 63801 to F-286200	995A
G-001 to G-13600	980
G-13601 to G-14600	980 & 980A
G-14601 to G-44500	980
G-44501 to G-45000	980A
G-45001 to G-47400	980
G-47401 to G-48400	980A
G-48401 to G-58200	980
G-58201 to G-58700	980A
G-58701 to G-61600	980
G-61601 to G-62500	980A
G-62501 to G-67500	980
G-67501 to G-68600	980A
G-68601- to G-486000	980
H-001 to H-1000	921
H-1001 to H-1800	400 & 921
H-1801 to H-2000	921
H-2001 to H-2800	400 & 921
H-2801 to H-3500	400
H-3501 to H-30000	921
H-50001 to H-57500	401
J-001 to J-320000	982
M-001 to M-58000	982M
N-001 to N-223000	721
O-1 to 0408000	987A
R-001 to R-1400	923
S-001 to S-3400	950B
SS-001 to SS-71500	987S
T-001 to T-312000	911
V-001 to V-38000	911M
X-001 to X-125000	917

*Hamilton 36 size chronometer watch

*Haydn W. Wheeler model

NOTE: The above serial number and grade listing is an actual Hamilton factory list and is accurate in most cases. However, it has been brought to our attention that in rare cases the serial number and grade number do not match the list. One example is the Hayden W. Wheeler model.

(See Hamilton Watch Co. **Serial Numbers and Grades** section located at the end of the Hamilton Watch price section to identify the movement, size and grade of your watch.)



Hamilton Watch Co., 18 size, 7 jewels, serial number 2934.

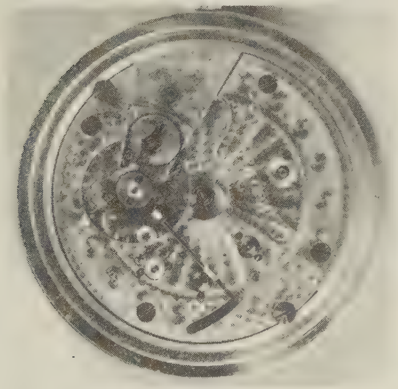
Grade 940, 18 size, 21 jewels, gold jewel settings, micrometric regulator, serial number 206009.

HAMILTON
18 SIZE

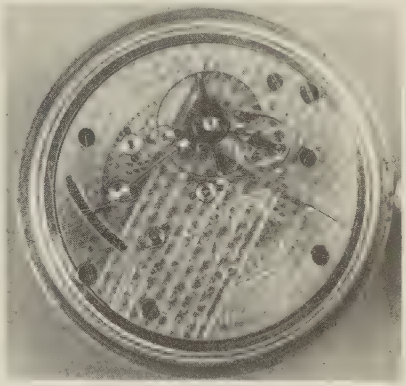
Grade or Name — Description		Avg	Ex-Fn	Mint
7J, OF, LS, FULL	★★	$1,000	$1,150	$1,300
11J, HC, LS, FULL	★★★	1,400	1,550	1,700
11J, OF, LS, FULL	★★★	1,500	1,750	2,000
922, 15J, OF	★	450	600	750
923, 15J, HC	★	550	675	825
924, 17J, NI, OF, DMK		50	60	80
925, 17J, NI, HC, DMK		50	60	80
926, 17J, NI, OF, DMK, ADJ		60	80	100
927, 17J, NI, HC, DMK, ADJ		65	85	115
928, 15J, NI, OF		100	150	195
929, 15J, NI, HC, 14K		750	795	900
929, 15J, NI, HC		100	145	195
930, 16J, NI, OF, Silveroid		80	100	120
930, 16J, NI, OF		125	160	200
931, 16J, NI, HC		175	225	350
932, 16J, NI, OF	★★	400	500	650
(S#s less than 400 up to $1,000)				
933, 16J, NI, HC	★★	500	600	750
934, 17J, NI, OF, DMK, DR, HCI5P		100	125	170
934, 17J, NI, OF, HCI5P, Silveroid		75	95	105
934, 17J, NI, OF, HCI5P, Coin		85	100	125
935, 17J, NI, HC, DMK, DR, HCI5P	★	100	125	170
936, 17J, NI, OF, DMK, DR		85	100	130
(Early S#s less than 400 up to $1,000)				
937, 17J, NI, HC, DMK, DR		125	150	200
938, 17J, NI, OF, DMK, DR	★★	400	500	600
939, 17J, NI, HC, DMK, DR	★★	550	650	750
940, 21J, NI, OF, DMK, DR, HCI5P, GJS		75	95	130
940, 21J, NI, OF, 2-Tone		100	120	150
940, 21J, NI, OF, Extra		125	145	175
940, 21J, NI, OF, Coin		65	80	100

HAMILTON WATCH CO., 18 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
940, 21J, NI, OF, Special	125	145	175
941, 21J, NI, HC, GJS, Marked	135	155	190
941, 21J, NI, HC, GJS, Special	150	170	210
941, 21J, NI, HC, DMK, DR, HCI5P, GJS	135	155	210
942, 21J, NI, OF, DMK, DR, HCI5P, GJS	160	185	225
943, 21J, NI, HCI5P, GJS, Silveroid ★	95	105	135
943, 21J, NI, HC, DMK, DR, HCI5P, GJS ★	165	185	250
943, Burlington Special, 21J	550	650	800
944, 19J, NI, OF, DMK, DR, HCI5P, GJS	150	170	225
945, 19J, GJS, 2-Tone, HC ★★	1,000	1,200	1,400
946, Anderson (jobber name on movement), 14K	900	1,000	1,200
946, 23J, Extra, OF, GJS	375	450	550
946, 23J, "Loaner" on case	425	475	575
946, 23J, NI, OF, DMK, DR, HCI5P, GJS	325	375	450



Grade 942, 18 size, 21 jewels, gold jewel settings, adjusted to HCI5P, serial number 186223.



Grade 946, 18 size, 23 jewels, gold jewel settings, adjusted to HCI5P, serial number 471752.

Grade or Name — Description	Avg	Ex-Fn	Mint
947, 23J, NI, HC, DMK, DR, HCI5P, GJS, not marked ★	3,500	4,000	4,500
947, 23J, NI, HC, HCI5P, GJS, marked ★★	4,500	5,500	6,500
947, 23J, Extra, NI, GJS, marked, 14K, HC ★★★	5,000	6,000	7,500
948, 17J, NI, OF, DMK, DR, HCI5P, GJS ★	250	300	375
948, 17J, NI, DMK, DR, HCI5P, GJS, OF, Coin	200	235	300
The Banner, 17J, M#927, HC, ADJ	110	135	165
Inspectors Standard, 21J	125	150	185
The Union, 17J	100	120	130
The Union, 17J, Silveroid	65	75	85
The Union, 17J, G#925, HC	110	135	160

Note: Some movements are marked with grade numbers, some are not. Add $25 to $75 for a marked movement. The first *hunting case* was a Model #937 which begins with Serial #1001.

16 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
950, 23J, LS, DR, GT, 14K	$650	$750	$850
950, 23J, LS, DR, OF, BRG, GJS, HCI5P, NI, GT	300	335	375

Grade 950, 16 size, 23 jewels, pendant set, gold train, gold jewel settings, serial number 1020650.

Grade 960, 16 size, 21 jewels, open face, gold jewel settings, serial number 68284.

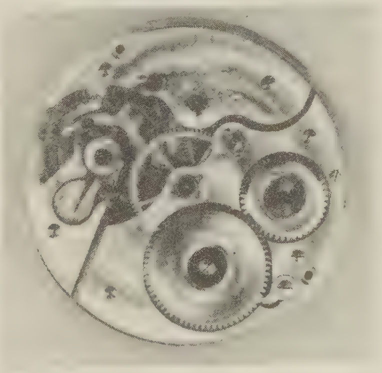
Grade or Name — Description	Avg	Ex-Fn	Mint
950, 23J, PS, DR, OF, GJS, BRG, HCI5P, NI, GT	315	350	385
950B, 23J, LS, OF, HCI5P, NI, DR, BRG	325	350	385
950E, 23J, LS, OF, HCI5P, NI, DR, BRG	350	385	425
951, 23J, PS, HC, HCI5P, NI, GT, GJS, DR ★★	2,000	2,500	3,000
951, 23J, LS, OF, HCI5P,NI, GT, GJS, DR ★★	1,800	2,100	2,800
951, 23J, PS, HC, HCI5P, NI, GT, GJS, DR, 14K ★★	2,200	2,600	3,300
952, 19J, LS or PS, OF, BRG, HCI5P, NI, GJS, DR	125	145	185
952, 19J, LS or PS, HCI5P, OF, 14K	425	545	585
954, 17J, LS or PS, OF, ¾, DR, HCI5P	65	85	110
954, 17J, OF, HCI5P, Silveroid	40	50	60
956, 17J, PS, OF, ¾, DR, HCI5P	70	85	100
960, 21J, PS, OF, BRG, GJS, GT, DR, HCI5P ★	300	325	375
960, 21J, LS, OF, BRG, GJS, GT, DR, HCI5P ★	325	350	400
961, 21J, PS & LS, HC, BRG, GJS, GT, DR, HCI5P ★	395	450	550
962, 17J, PS, OF, BRG ★★	450	525	650
963, 17J, PS, HC, BRG ★★	500	595	700
964, 17J, PS, OF, BRG ★★	500	595	700
965, 17J, PS, HC, BRG ★★	450	535	650
966, 17J, PS, OF, ¾ ★★	550	635	750
967, 17J, PS, HC, ¾ ★★	550	635	750
968, 17J, PS, OF, ¾ ★	275	350	450
969, 17J, PS, HC, ¾ ★	350	400	475
970, 21J, PS, OF, ¾	150	195	240
971, 21J, PS, HC, ¾	175	225	285
972, 17J, PS & LS, OF, ¾, NI, GJS, DR, HCI5P, DMK	50	65	85
973, 17J, PS & LS, HC, ¾, NI, DR, HCI5P	75	95	150
974, 17J, PS & LS, OF, ¾, NI, HCI3P	45	55	75
974, 17J, OF, PS, HCI3P	60	75	100
2974, 17J, OF, HCI3P	70	85	115
975, 17J, PS & LS, HC, ¾, NI, HCI3P	55	65	85
976, 16J, PS, OF, ¾	150	185	240
977, 16J, PS, HC, ¾	150	185	240
978, 17J, LS, OF, ¾, NI, DMK	60	70	85
990, 21J, LS, OF, GJS, DR, HCI5P, DMK, NI, ¾, GT	120	140	175
991, 21J, LS, HC, ¾, GJS, HCI5P, DMK, NI, GT	150	175	220

Hamilton Grade 992, 16 size, 21 jewels, nickel ¾ plate movement, lever set only, gold jewel settings, gold center wheel, steel escape wheel, micrometric regulator, compensating balance, adjusted to temperature, isochronism and 5 positions.

Grade 992B, 16 size, 21 jewels, adjusted to HCI5P.

Grade or Name — Description	Avg	Ex-Fn	Mint
992, 21J, OF, ¾, LS, GJS, HCI5P, DR, NI, DMK	95	110	135
992, 21J, OF, ¾, PS & LS, GJS, HCI5P, DR, NI, DMK, 2-Tone	125	150	175
992, 21J, Extra, OF, ¾, PS & LS, GJS, HCI5P, DR, NI, DMK	135	155	195
992, 21J, ¾, PS, GJS, HCI5P, OF	95	115	140
992, 21J, Elinvar, ¾, GJS, HCI5P	135	160	200
992, 21J, Special, OF, ¾, PS & LS, GJS, HCI5P, DR, NI, DMK	135	175	195
992B, 21J, 2-Tone	135	175	195
992B, 21J, LS, OF, ¾	150	170	200
992E, 21J, LS, OF, ¾	125	145	175
992B, 21J, OF, ¾, silver case	95	115	135
3992B, 22J, HCI6P	120	145	180
4992B, 22J, LS, OF, ¾, HCI6P	85	95	120
993, 21J, PS, HC, GJS, HCI5P, DR, NI, DMK	135	160	185
993, 21J, LS, HC, GJS, HCI5P, DMK, DR, NI	100	125	145
993, 21J, LS, HC, GJS, HCI5P, DMK, DR, NI, 14K	550	600	650

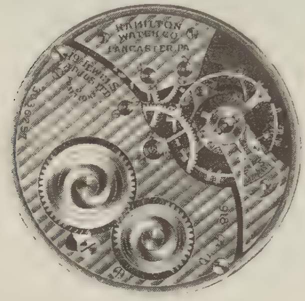
Grade 4992B, 16 size, 22 jewels, adjusted to HCI6P.



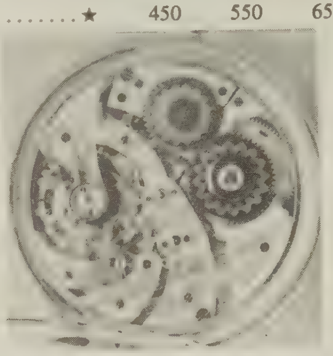
Hayden W. Wheeler, 16 size, 17 jewels, adjusted to heat & cold, serial number 56029.

HAMILTON WATCH CO., 16 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
993, 21J, LS, HC, GJS, HCI5P, DMK, DR, NI, GF multi-color case	200	250	290
994, 21J, PS, BRG, LS, OF, GJS, GT, DR, HCI5P, DMK ★	600	735	995
995, 19J, GJS, BRG, HC ★★	850	1,000	1,200
996, 19J, LS, OF, ¾, GJS, DR, HCI5P, DMK	100	120	175
Official Standard, 17J, OF	275	300	450
Union Special, 17J	110	125	150
Hayden W. Wheeler, 17J, OF ★	400	500	600
Hayden W. Wheeler, 21J ★	600	700	800
Hayden W. Wheeler, 17J, HC ★	450	550	650



Grade 918, 12 size, 19 jewels, adjusted to HCI3P, serial number 3136257.

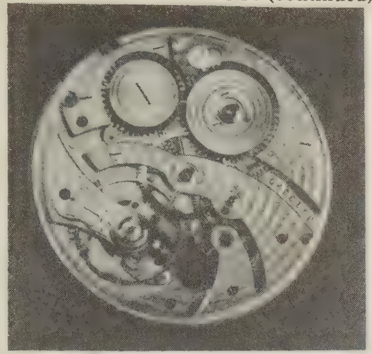


Grade 920, 12 size, 23 jewels, gold train, gold jewel settings, serial number 1863381.

12 SIZE

(Some cases were octagon, decagon, cushion, etc.)

Grade or Name — Description	Avg	Ex-Fn	Mint
900, 19J, BRG, DR, HCI5P, GJS, OF, 14K	$280	$295	$320
900, 19J, BRG, DR, HCI5P, GJS, OF	80	95	120
902, 19J, BRG, DR, HCI5P, GJS	85	100	130
902, 19J, BRG, DR, HCI5P, GJS, 14K	285	300	330
904, 21J, BRG, DR, HCI5P, GJS, GT	90	100	125
910, 17J, ¾, DR, ADJ	40	50	65
912, 17J, ¾, DR, ADJ	40	50	65
914, 17J, ¾, DR, HCI3P, GJS	40	50	65
914, 17J, ¾, DR, HCI3P, GJS, 14K	240	250	275
916, 17J, ¾, DR, HCI3P	40	50	65
916, 17J, HCI3P, silver case	35	40	45
918, 19J, HCI3P, WGF	65	75	90
918, 19J, ¾, DR, HCI3P, GJS, OF	75	90	110
920, 23J, BRG, DR, HCI5P, GJS, GT, OF	165	185	210
920, 23J, BRG, DR, HCI5P, GJS, GT, 14K	365	385	410
922, 23J, BRG, DR, HCI5P, GJS, GT, 14K	365	385	410
922, 23J, BRG, DR, HCI5P, GJS, GT, OF	165	185	210
922 MP, 18K case	600	650	700
922 MP, GF	275	375	475
400, 21J, ¾, ADJ ★	150	200	270

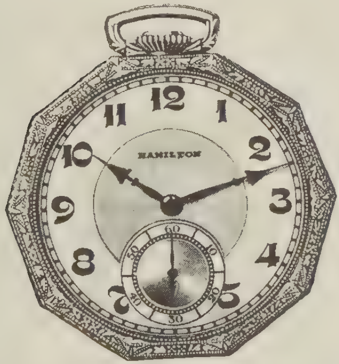


Grade 922MP, 12 size, 23 jewels, serial number 3013390, c. 1930.

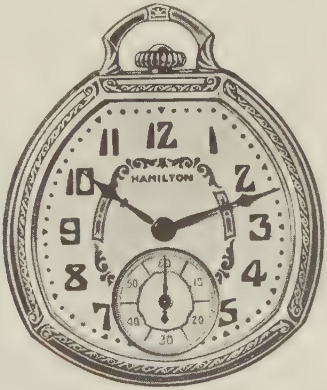
Grade 400, 12 size, 21 jewels. Note five tooth click on motor barrel.

10 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
917, 17J, ¾, DR, HCI3P	$40	$50	$65
917, 17J, ¾, DR, HCI3P, 14K	195	210	250
921, 21J, BRG, DR, HCI5P	60	70	85
923, 23J, BRG, DR, HCI5P	125	150	185
923, 23J, M.P.G.F.	275	300	375
923, 23J, M.P., 18K	550	600	650
945, 23J, HCI5P	90	100	125



Example of Hamilton's thin model, 12-10 size, in a decagon case, 14K gold filled, originally sold for $52.00.



Example of Hamilton's thin model, 12-10 size, Van Buren design, 14K gold filled, originally sold for $55.00.

0 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
981, 17J, ¾, HCI3P, DR, 18K, HC	$210	$270	$325
983, 17J, HCI3P, DR, GJS, 18K, HC	210	270	325
985, 19J, BRG, HCI3P, DR, GJS, GT, 18K, HC	300	340	375
Lady Hamilton, 14K case, OF	250	270	295

Top: **Pocket Chronometer**, 36 size, 21 jewels, gold jewel settings, HCI5P, serial number 1260382.

Right: **Chronometer** in gimbles and box, 35 size, wind indicator.

CHRONOMETER

Grade or Name — Description	Avg	Ex-Fn	Mint
35S, 21J, Wind Indicator, HCI6P, in gimbles and box	$300	$375	$450
36S, 21J, Wind Indicator, in gimbles and box	900	1,000	1,200
36S, 21J, Wind Indicator, in Hamilton sterling pocket watch case with bow	1,000	1,100	1,350
35S, 21J, Wind Indicator, HCI6P, in a large base metal OF case	250	275	325

CHRONOGRAPH
GRADE 23

Grade or Name — Description	Avg	Ex-Fn	Mint
16S, 19J	$150	$175	$225

HAMPDEN WATCH CO.
(DUEBER WATCH CO.)

Springfield, Massachusetts
Canton, Ohio
1876 — 1930

The New York Watch Co. preceded Hampden, and before that Don J. Mozart (1864) produced his three-wheel watch. Mozart was assisted by George Samuel Rice of New York and, as a result of their joint efforts, the New York Watch Co. was formed in 1866 in Providence, Rhode Island. It was moved in 1867 to Springfield, Massachusetts. Two grades of watches were decided on, and the company started with a 18S, ¾ plate engraved "Springfield." They were sold for $60 to $75. The 18S, ¾ plate were standard production, and the highest grade was a "George Walker" that sold for about $200 and a 16S, ¾ plate "State Street" which had steel parts and exposed balance and escape wheel that were gold plated.

John C. Deuber started manufacturing watch cases in about 1864 and bought a controlling interest in a company in 1886. About this time a disagreement arose between Elgin, Waltham, and the Illinois Watch companies. Also at this time an anti-trust law was passed, and the watch case manufacturers formed a boycott against Deuber. Deuber was faced with a major decision as to whether to stay in business or surrender to the watch case companies or buy a watch company. He decided to buy the Hampden Watch Co. of Springfield, Mass. By 1889 the operation had moved to Canton, Ohio. By the end of the year the company was turning out 600 watches a day. In 1898 Hampden introduced the first 23J movement made in America.

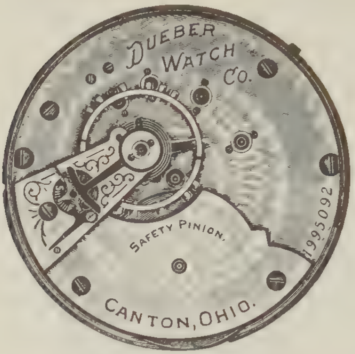
Chronology of the Development of Hampden Watch Co.:
The Mozart Watch Co., Providence, R. I. — 1864-1866
New York Watch Co., Providence, R. I. — 1866-1867
New York Watch Co., Springfield, Mass. — 1867-1875
New York Watch Mfg. Co., Springfield, Mass. — 1875-1876
Hampden Watch Co., Springfield, Mass. — 1877-1886
Hampden-Dueber Watch Co., Springfield, Mass. — 1886-1888
Hampden Watch Co., Canton, Ohio — 1888-1923
Dueber Watch Co., Canton, Ohio — 1888-1923
Dueber-Hampden Watch Co., Canton, Ohio — 1923-1931
Amtorg, U.S.S.R. — 1930-

HAMPDEN ESTIMATED SERIAL NUMBER AND PRODUCTION DATES

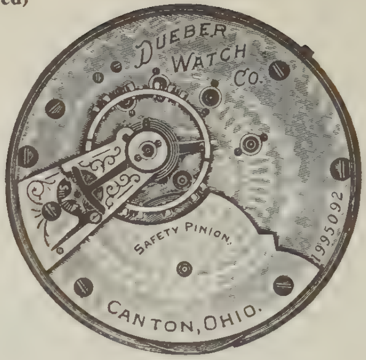
Date	Serial No.	Date	Serial No.	Date	Serial No.
1877	60,000	1893	775,000	1909	2,536,000
1878	91,000	1894	833,000	1910	2,664,000
1879	122,000	1895	888,500	1911	2,792,000
1880	153,000	1896	944,000	1912	2,920,000
1881	184,000	1897	1,000,000	1913	3,048,000
1882	215,000	1898	1,128,000	1914	3,176,000
1883	250,000	1899	1,256,000	1915	3,304,000
1884	300,000	1900	1,384,000	1916	3,432,000
1885	350,000	1901	1,512,000	1917	3,560,000
1886	400,000	1902	1,642,000	1918	3,680,000
1887	450,000	1903	1,768,000	1919	3,816,000
1888	500,000	1904	1,896,000	1920	3,944,000
1889	555,500	1905	2,024,000	1921	4,072,000
1890	611,000	1906	2,152,000	1922	4,200,000
1891	666,500	1907	2,280,000	1923	4,400,000
1892	722,000	1908	2,408,000	1924	4,600,000

HAMPDEN
18 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Anchor, 17J, ADJ, GJS, DMK	$65	$75	$95
"3" Ball, 17J, ADJ, NI, DMK	60	70	95
Champion, 7J, ADJ, FULL, gilded, NI	55	65	75
Dueber, 16J, gilded, DMK	70	80	90
Dueber, 17J, gilded, DMK	75	85	95


DUEBER WATCH CO.
SAFETY PINION.
CANTON, OHIO.
995092

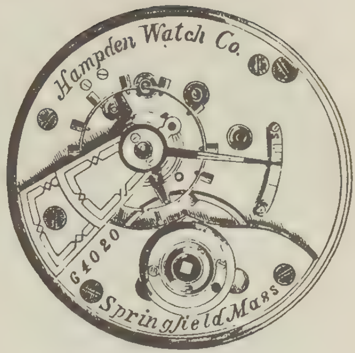
Dueber Watch Co., 18 size, 15 jewels, hunting, lever set, originally sold for $14.00.


DUEBER WATCH CO.
SAFETY PINION.
CANTON, OHIO.
995092

Dueber Watch Co., 18 size, 15 jewels, nickel movement, Model 2, hunting case.

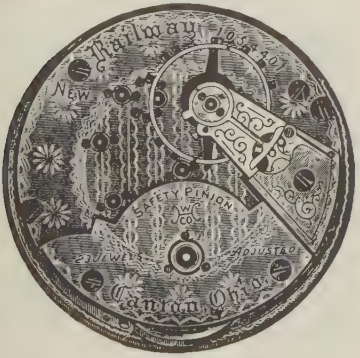
Grade or Name — Description	Avg	Ex-Fn	Mint
John C. Dueber, 15J, gilded, DMK	75	85	105
John C. Dueber, 17J, gilded, ADJ, DMK	80	90	120
John C. Dueber, Sp., 17J, gilded, ADJ, DMK	85	95	125
John C. Dueber, 17J, Silveroid	45	55	65
Dueber Grand, 17J, Silveroid	40	50	65
Dueber Grand, 17J, ADJ, HC	80	90	110
Dueber Grand, 21J, ADJ, DMK, NI, HC	100	125	135
Dueber W. Co., 11J	60	70	80
Dueber W. Co., 15J, DMK	75	85	95
Dueber W. Co., 16J	80	95	110
Dueber W. Co., 17J, DMK, ADJ, OF	70	80	100
Dueber W. Co., 17J, Silveroid	40	50	65
Dueber W. Co., 17J, DMK, ADJ, HC	75	85	100
Dueber W. Co., 19J, ADJ, GJS, HC ★	200	300	400
Dueber W. Co., 21J, HCI5P, GJS, OF	80	100	120
Dueber W. Co., 21J, GJS, HCI5P, HC	90	110	130
Homer Foot, gilded, KW, (Early)	150	185	225
Gladiator, KW	65	85	110
Gladiator, 11J, NI, DMK	50	60	75
Gulf Stream Sp., 21J, OF, LS	95	135	160
Hampden W. Co., 7J, KW, KS	65	75	85
Hampden W. Co., 7J, SW, OF	45	55	65
Hampden W. Co., 11J, OF, HC, KW	50	60	75
Hampden W. Co., 11J, OF, HC, SW	50	60	70
Hampden W. Co., 15J, OF, HC, KW	90	105	120
Hampden W. Co., 15J, HC, SW	55	65	75
Hampden W. Co., 15J, SW, Silveroid	30	40	50
Hampden W. Co., 15J, SW, OF	55	60	80
Hampden W. Co., 15J, Multi-color, 14K, HC	1,150	1,450	1,850
Hampden W. Co., 16J, OF	80	95	110
Hampden W. Co., 17J, SW, Silveroid	35	45	55
Hampden W. Co., 17J, SW, OF	55	70	90
Hampden W. Co., 17J, HC, SW	60	70	95
Hampden W. Co., 17J, LS, HC, 14K	490	550	690
Hampden W. Co., 17J, LS, HC, 10K	300	380	500

John C. Dueber Special, 18 size, 17 jewels, serial number 949097.

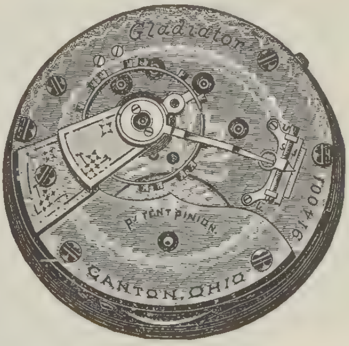

Hampden Watch Co.
64020
Springfield Mass

Hampden Watch Co., 18 size, 7 jewels, key wind & set, Model 1.

Grade or Name — Description	Avg	Ex-Fn	Mint
Hampden W. Co., 21J, OF, HC, SW	85	95	120
Hampden W. Co., 25J, GJS, HCI5P, 2-Tone, HC	1,500	1,800	2,200
John Hancock, 17J, GJS, HCI3P	75	85	95
John Hancock, 21J, GJS, HCI3P	95	105	120
John Hancock, 23J, GJS, HCI5P	125	145	175
Hayward, 15J, KW	125	145	175
Hayward, 11J, SW	50	60	75
Lafayette, 11J, NI	80	90	120
Lafayette, 15J, NI, KW	100	125	165
Lafayette, 15J, NI	75	85	95
Lakeside, 15J, NI, SW	75	85	95
M. J. & Co. Railroad Watch Co., 15J, HC	150	165	190
Menlo Park, 17J, NI, ADJ	75	85	95
Mermod, Jaccard & Co., 15J, KW, HC	75	85	100
Metropolis, 15J, NI, SW	75	85	95
Wm. McKinley, 17J, HCI3P	70	80	100
Wm. McKinley, 21J, GJS, HCI5P	80	110	120
New Railway, 17J, GJS, HCI5P	75	85	95
New Railway, 19J, GJS, HCI5P	165	195	225


New
Railway
Safety Pinion
23 Jewels
Adjusted
Canton Ohio

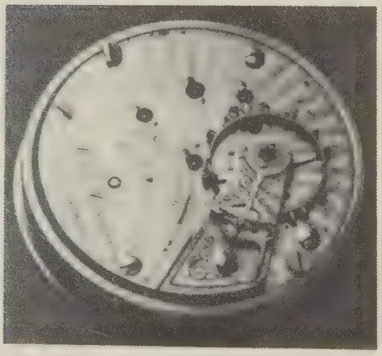
New Railway, 18 size, 23 jewels, open face only, gold jewel settings, originally sold for $50.00, Model 2.


Gladiator
Patent Pinion
Canton, Ohio
914001

Gladiator, 18 size, 11 jewels, gilted movement, hunting and open face, Model 1, stem wind.

HAMPDEN WATCH CO., 18 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
New Railway, 21J, Silveroid	55	65	75
New Railway, 21J, GJS, HCI5P, HC	85	110	125
New Railway, 21J, GJS, HCI5P, OF	80	100	120
New Railway, 23J, GJS, HCI5P	175	225	280
New Railway, 23J, GJS, HCI5P, 14K, OF	450	675	775
North Am. RR, 21J, GJS, HCI5P, OF, LS	85	125	150
North Am. RR, 21J, GJS, HCI3P, HC, PS	75	95	120
J. C. Perry, 15J, KW, gilded	100	120	150
J. C. Perry, 15J, NI, SW	70	80	95
J. C. Perry, 15J, gilded, SW	60	65	80
Railway, 15J, gilded	60	65	80
Railway, 17J, NI	70	85	100
Railway, 15J, KW, marked on mvt.	195	230	290
Railroad with R.R. names on dial and movement:			
Canadian Pacific RR, 17J	275	300	335
Canadian Pacific RR, 21J	625	650	700
Special Railway, 17J, GJS, HCI5P, NI, DR	65	80	100
Special Railway, 21J, GJS, HCI5P, NI, DR, 2-Tone	80	95	120
Special Railway, 23J, GJS, HCI5P, NI, DR, 2-Tone	175	225	275
Special Railway, 23J, Silveroid	125	150	185
Special Railway, 23J, 14K, HC	650	690	750
Springfield, 7-11J, KW, gilded	60	70	90
Springfield, 7-11J, SW, NI	50	60	75
Standard, 15J, gilded	55	65	80
State Street, 15J, NI, LS, (Early KW)	125	150	210
Theo. Studley, 15J, KW, KS, HC	140	160	190
Tramway Special, 17J, NI	100	120	175
Woolworth, 11J, KW	90	110	135
Grade 45 & 65, 11J	55	60	65
Grade 60, 15J, LS	60	65	75
Grade 80 & 81, 17J, ADJ	65	75	80
Grade 85, 19J, GJS, 2-Tone, HC ★★	1,000	1,200	1,400



North Am. RR, 18 size, 21 jewels, open face, gold jewel settings.

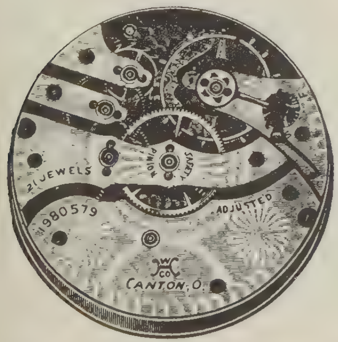
Special Railway, 18 size, 23 jewels, HCI5P, serial number 3357284.

Hampden W. Co., Bridge Model, 16 size, 23 jewels, 2-tone movement, serial number 1899430.

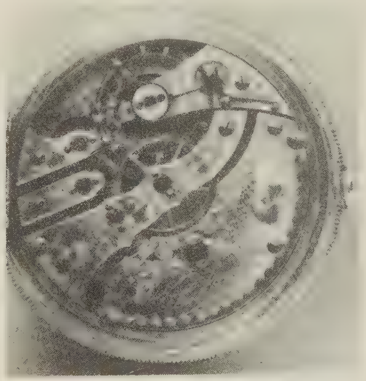
Hampden W. Co., 16 size, 17 jewels, gold jewel settings, serial number 3075235.

16 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Champion, 7J, NI, ¾, gilded, Coin	$40	$55	$65
Champion, 7J, NI, ¾, gilded	45	60	75
Chronometer, 21J, NI, HCI3P, GJS	100	130	170
John C. Dueber, 17J, GJS, NI, HCI5P, ¾	65	80	105
John C. Dueber, 21J, GJS, NI, HCI5P, ¾	80	90	120
John C. Dueber, 21J, GJS, NI, HCI5P, DR, BRG	140	165	195
Dueber Watch Co., 17J, ADJ, ¾	65	75	85
Hampden W. Co., 7J, SW, OF, HC	45	50	60
Hampden W. Co., 11J, SW, OF, HC	55	60	65
Hampden W. Co., 15J, SW, OF, HC	60	70	75
Hampden W. Co., 17J, SW, OF	65	75	85
Hampden W. Co., 17J, 14K, Multi-color, HC	800	1,100	1,350
Hampden W. Co., 17J, Silveroid	40	50	60
Hampden W. Co., 17J, SW, HC	70	80	90
Hampden W. Co., 21J, SW, Silveroid	65	75	85
Hampden W. Co., 21J, SW, OF, HC	90	105	125

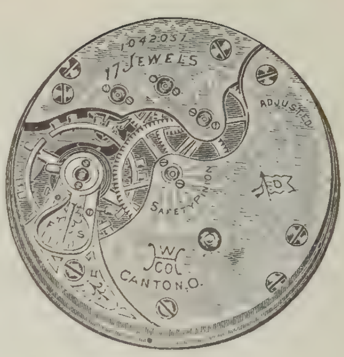


Wm. McKinley, or Grade 105, 16 size, 21 jewels, gold jewel settings, adjusted to HCI5P.



Railway, 16 size, 17 jewels, adjusted to HCI5P, serial number 2271866.

Grade 104, 16 size, 23 jewels, gold jewel settings, gold train, adjusted to HCI5P, serial number 2801184.

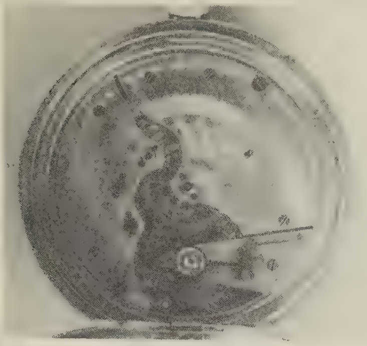


Grade 108, 16 size, 17 jewels, open face and hunting, serial number 1042051.

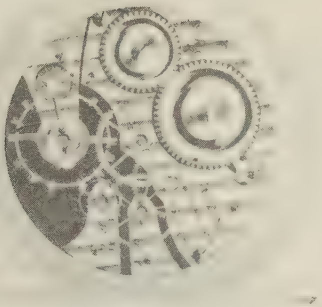
Grade or Name — Description	Avg	Ex-Fn	Mint
Hampden W. Co., 23J, HCI5P, GJS, ¾	180	205	245
Masonic Dial, 23J, GJS, 2-Tone	310	350	395
Wm. McKinley, 17J, GJS, HCI5P, NI, DR, ¾	60	75	95
Wm. McKinley, 21J, GJS, HCI5P, NI, DR, ¾	85	100	120
Wm. McKinley, 21J, GJS, HCI5P, NI, DR, ¾, Coin	70	80	90
Wm. McKinley, 21J, GJS, HCI5P, NI, DR, BRG	100	125	160
New Railway, 21J, GJS, HCI5P	85	100	120
New Railway, 23J, GJS, HCI5P, LS, HC	185	235	285
Ohioan, 21J, HCI3P, GJS, ¾	125	160	225
Railway, 19J, GJS, HCI5P, BRG, DR	150	165	195
Special Railway, 23J, HCI5P, NI, BRG, DR	175	225	275
Gen'l Stark, 15J, DMK, BRG	60	70	85
Gen'l Stark, 17J, DMK, BRG	75	85	95
97 & 108, 17J, HCI3P, NI, ¾, DMK	65	75	85
99, 15J, ¾	50	60	70
103, 21J, GJS, HCI5P, NI, BRG, DR	90	110	130
104, 23J, GJS, HCI5P, NI, BRG, DR, DMK	175	225	275
105, 21J, GJS, HCI5P, NI, ¾, DR, DMK	90	115	130
107 & 108, 17J, SW, NI	60	70	85
109, 13J, ¾	45	55	60
110, 11J, ¾	50	55	65
115-120, 21J, SW, NI, OF	90	115	140
340, 17J, SW, NI	60	70	85
555, 21J, GT, GJS, Chronometer on dial	100	130	185
600, 17J, SW, NI	60	70	85

12 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Champion, 7J, SW	$35	$45	$60
Dueber Grand, 17J, BRG	45	55	70
Hampden W. Co., 7J, SW, OF	30	40	50
John Hancock, 21J, BRG	55	70	85
Gen'l Stark, 15J, BRG	40	50	65
207-300 HC & 302 OF, 7J, ¾	30	45	60
304 HC & 306 OF, 15J, ¾	30	40	60



Dueber Grand, 12 size, 17 jewels, gold jewel settings, serial number 1737354.



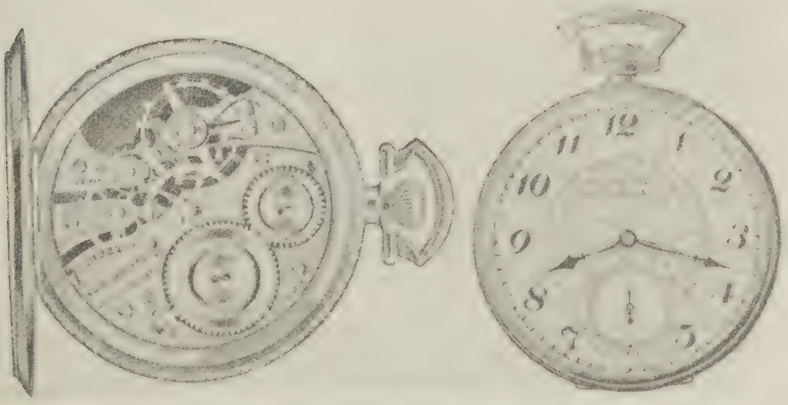
Grade 314, 12 size, 21 jewels, adjusted, serial number 2935756.

Grade or Name — Description	Avg	Ex-Fn	Mint
305-308 HC & 310 OF, 17J, ¾	40	50	65
312 HC & 314 OF, 21J, ¾	50	60	75
Hampden W. Co., 17J, 14K, Multi-color, HC	650	800	1,000
31 OF, 17J, SW, 14K	325	375	425

12 SIZE (THIN MODEL)

Grade or Name — Description	Avg	Ex-Fn	Mint
Aviator, 17J, HCI4P	$40	$50	$70
Aviator, 19J, HCI4P	45	55	80
Beacon, 17J	35	45	55
Nathan Hale, 15J	40	50	60
Minuteman, 17J	50	65	80
Paul Revere, 17J, 14K, OF	325	375	425
Paul Revere, 17J	55	65	75
Paul Revere, 19J	60	70	85

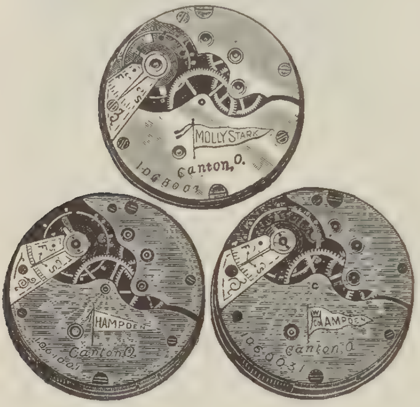
Note: Some 12 Sizes came in cases of octagon, decagon, hexagon, triad, and cushion shapes.



Paul Revere. Example of Hampden Watch Co.'s extra thin series showing face and movement, 12 size, 17-19 jewels, adjusted to HCI5P.

6 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
200, 7J	$45	$60	$75
206, 11J	50	60	80
213, 15J	60	75	90
220, 17J	75	85	100
Hampden W. Co., 15J, multi-color GF, HC	150	175	225
Hampden W. Co., 15J, Multi-color, 14K, HC	575	650	775



Top left: **Molly Stark**, 000 size, 7 jewels, hunting or open face, originally sold for $12.00.

Bottom left: **Four Hundred Series**, 000 sizes, 11, 15 & 16 jewels, gold jewel settings, originally sold for from $20-25.

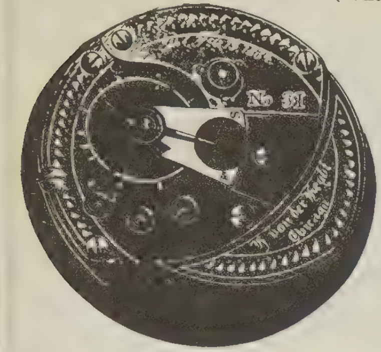
000 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Diadem, 15J, 14K, OF Case	$135	$155	$160
Diadem, 15J, HC, 14K	185	240	265
Diadem, 15J	80	110	160
Molly Stark, 7J	85	125	150
Molly Stark, 7J, 14K, HC	175	230	265
Molly Stark, 7J, Pin Set	90	130	155
Four Hundred, 11, 15, & 16J	80	90	110
14K Multi-color, HC	400	450	525

NOTE: Some grades are not included. Their values can be determined by comparing with similar models or grades listed.

HERMAN VON DER HEYDT
Chicago, Illinois
1883

Herman von der Heydt patented a self-winding watch on Feb. 19, 1884. A total of 35 watches were hand-made by von der Heydt. The watches were 18S, full plate, lever escapement and fully-jeweled. The wind mechanism was a gravity type made of heavy steel and shaped like a crescent. The body motion let the heavy crescent move which was connected to a ratchet on the winding arbor, resulting in self-winding. Five movements were nickel and sold for about $90; the gilded model sold for about $75.



Herman Von Der Heydt Self Winding Watch, 18 size, 19 jewels, serial number 31, note illustrated example also shows key wind mechanism on movement.

Grade or Name — Description		Avg	Ex-Fn	Mint
18S, 19J, FULL, NI	★★★	$4,500	$5,500	$6,500
18S, 19J, FULL, gilded	★★★	3,500	4,000	4,500

E. HOWARD & CO.
Boston, Massachusetts
December 11, 1858 — 1903

On Dec. 11, 1858, the old Boston Watch Co. building in Roxbury, Mass. was reopened, and within a year was once again producing watches. These watches were among the best America had produced up to that time. Howard modeled an entirely different watch from what had been previously made. The size remained at 18 which was to be later called "N" size. The top plate was in sections and had six to eight pillars instead of the usual four in a full plate. The balance was gold or steel at first, then later it was a compensation balance that was loaded with gold screws. The train was a "quick beat," a first. Reed's patented barrel was also used for the first time. The idea of the stationary barrel was not new, however. About 1,500 of the seven pillar watches were made. Then a ¾ plate movement was completed and the first of this style was put on the market around 1860. After some 36,000 watches were made with the "Reed's Barrel Movement," the new patented steel barrel was put on the market in September 1869. The stem-wind model was introduced in 1871, the "L" size, and serial numbers for it began at about 30,000. That same year the nickel movements were produced; they were "N" or 16S. This company was the first to adjust to all six positions. The dials were always a hard enamel. In 1878, the manufacturing of key-wind movements was discontinued. All of Howard's watches bear the name "E. Howard & Co. Boston;" Keystone, which later purchased the company, used the label "E. Howard Watch Co. Boston" on its movements.

Chronological Development of Howard Watch Co.:

Boston Watch Co., Roxbury, Mass. — 1853-1857
E. Howard & Co., Roxbury, Mass. — 1858-1903
E. Howard Watch Co., Jersey City, N. J. — 1903-1910

E. HOWARD & CO. (continued)

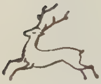
E. HOWARD & CO.
15 JEWELS
APPROXIMATE DATES, SERIAL NOS., AND TOTAL PRODUCTION

Serial Number	Date	Series	Total Prod.
-2,000	-1860	I (18S)	2,000
2,001-3,000	1860-1861	II (18S)	1,000
3,001-3,500	1861	i(10S) & K(14S)	200
3,501-28,000	1861-1871	III (18S)	24,500
30,001-50,000	1868-1882	IV (18S)	20,000
50,001-71,000	1869-1899	V (16S)	21,000
100,001-105,500	1869-1899	VI (6S)	5,500
200,001-227,000	1880-1899	VII (18S)	27,000
*228,001-231,000	1895	VII (18S)	3,000
300,001-309,000	1884-1899	VIII (18S)	9,000
*309,001-310,000	1895	VIII (18S)	1,000
400,001-405,000	1890-1895	IX (18S)	5,000
500,001-501,500	1890-1899	X (12S)	1,500
*600,001-601,500	1896	XI (16S)	1,500
*700,001-702,000	1896	XII (16S)	1,500
Approx. Total Production			124,000

** ¾ Split Plates with 17 Jewels*

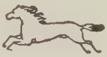
E. HOWARD & CO. WATCH SIZES

Letter	Inches	Approx. Size	Letter	Inches	Approx. Size
N	1 13/16	18	H	1 7/16	8
L	1 11/16	16	G	1 6/16	6
K	1 10/16	14	F	1 5/16	4
J	1 9/16	12	E	1 4/16	2
I	1 8/16	10	D	1 3/16	0



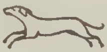
Deer

Adjusted to
HC16P



Horse

Adjusted to
HC1 - No
positions



Hound

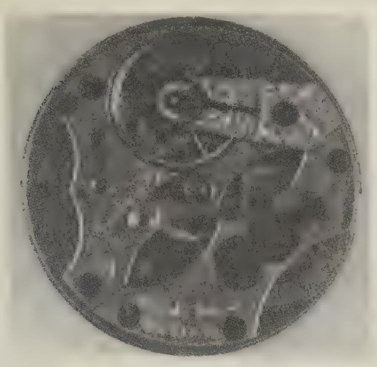
Unadjusted

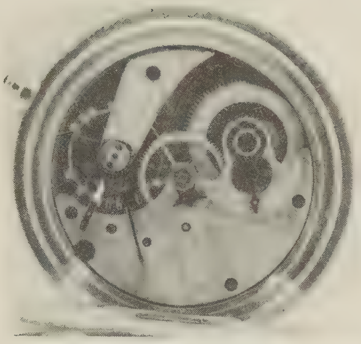
The above symbols appear on some E. Howard & Co. models and refer to the grade and adjustments. On some of the earlier movements, "adjusted," and "heat and cold" appear on the balance bridge rather than the above symbols. "Adjusted" refers to isochronism, heat and cold, and positions. "Heat and cold" refers to adjustment to temperature and isochronism. The plain movement with no symbols or wording on the bridge are adjusted only to isochronism.

E. HOWARD & CO.
N SIZE (18)

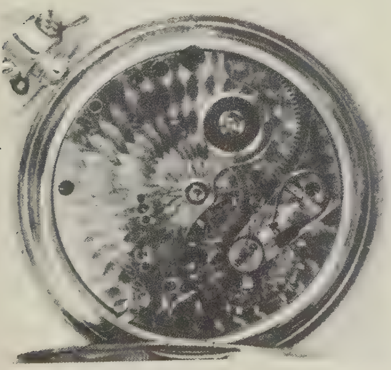
Series or Name — Description	Avg	Ex-Fn	Mint
E. Howard & Co. on dial and movement, 1857 Model, upright pallets, English style escape wheel, Coin case, KW & KS . . . . ★★★	$1,500	$2,000	$2,500
I, 15J, gilded, KW, 18K, HC or OF, upright pallets . . . . ★★	2,000	2,400	2,800
I, 15J, gilded, KW, 18K, HC or OF . . . . ★	1,900	2,300	2,700

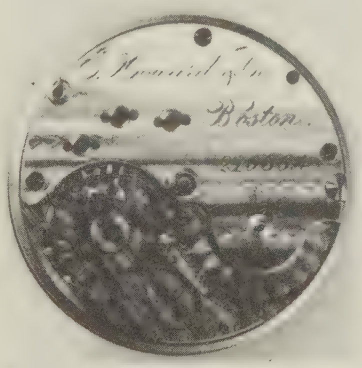
E. HOWARD & CO., N (18) SIZE (continued)


Series I, 18 size, 15 jewels, upright pallets, note Maltese cross winding stop work, serial number 201.

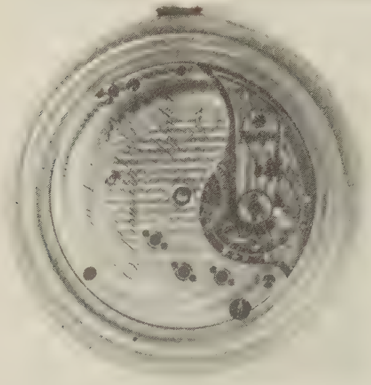

Series III, 18 size, 15 jewels, Cole's escapement, "Reed's patent, Nov., 24th, 1857" on movement, serial number 23585.

Series or Name — Description	**Avg**	**Ex-Fn**	**Mint**
I, 15J, gilded, KW, silver case ★	1,500	1,750	2,000
II, 15J, gilded, KW, 18K, HC or OF ★	1,700	2,000	2,400
II, 15J, gilded, KW, silver case ★	1,300	1,400	1,700
III, 15J, gilded, KW, 18K, HC	1,250	1,400	1,600
III, 15J, gilded or nickel, silver case	500	650	800
III, 15J, gilded, KW, 18K, Mershon's Patent	1,400	1,500	1,700
III, 15J, gilded, KW, 18K, Coles Escapement	1,500	1,600	1,800
III, 15J, nickel, KW, silver case	550	675	850
III, 15J, gilded or NI, Silveroid	260	295	350
III, 15J, gilded or NI, Coin	450	600	750
IV, 15J, recased	150	225	275
IV, 15J, gilded or nickel, KW, 18K, HC	1,200	1,300	1,500
IV, 15J, gilded or nickel, SW, 18K, HC	1,100	1,200	1,450
VII, 15J, gilded or nickel, SW, 14K, HC	950	1,100	1,250
VII, 17J, nickel, split plate, SW, 14K, HC	1,300	1,450	1,600
VII, 17J, nickel, split plate, SW, GF, HC	400	525	650
VIII, 15J, gilded or nickel, SW, 14K, OF	900	1,000	1,100
VIII, 15J, SW, recased	150	195	250
VIII, 17J, nickel, split plate, SW, 14K, OF ★	1,300	1,450	1,600

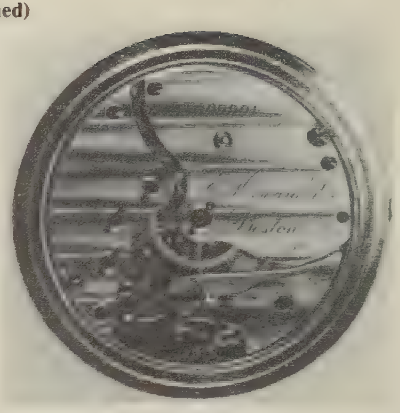

Series IV, 18 size, 15 jewels, key wind and set, serial number 37893.



Series VII, 18 size, 15 jewels, nickel movement, note running deer on movement, "adjusted" on bridge, serial number 219304.



Series VIII, 18 size, 15 jewels, serial number 308455.



Series VIII, 18 size, 17 jewels, split plate model, gold jewel settings, serial number 309904.

Series or Name — Description	Avg	Ex-Fn	Mint
VIII, 17J, nickel, split plate, SW, GF, OF ★	400	525	650
IX, 15J, gilded, SW, 14K, HC	900	1,050	1,200
IX, 15J, gilded, SW, GF, HC	350	390	450
VII, Ball, 17J, nickel, SW, GF, HC ★★	1,500	2,000	2,500
VIII, Ball, 17J, nickel, SW, GF, OF ★★	1,500	2,000	2,500
I, Isochronism, 15J, gilded, KW	4,000	5,000	6,500

L SIZE (16)

Series or Name — Description	Avg.	Ex-Fn	Mint
V, 15J, gilded, KW, 18K, HC	$1,200	$1,350	$1,500
V, 15J, gilded, KW, 18K, Coles Escapement	1,400	1,500	1,700
V, 15J, gilded or nickel, SW, 14K, HC	900	1,000	1,200
V, 15J, gilded, SW, 14K, Coles Escapement	1,300	1,400	1,500
XI, 17J, nickel, split plate, SW, 14K, HC	1,400	1,500	1,700

Series V, 16 size, 15 jewels, gold jewel settings, key wind & set; also stem wind, serial number 56145.

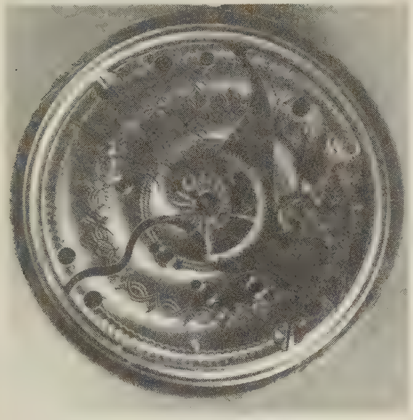
Series V, 16 or L size, Prescott Model, 15 jewels, hunting, serial number 50434.

E. HOWARD & CO., L (16) SIZE (continued)

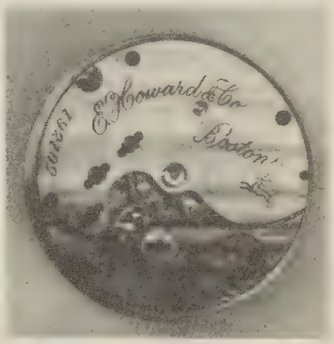
Series or Name — Description		Avg	Ex-Fn	Mint
XI, 17J, recased	★	185	210	235
XI, 17J, split plates, YGF	★	495	555	675
XII, 17J, nickel, split plate, SW, 14K, OF	★	1,300	1,400	1,600
XII, 17J, nickel, split plate, SW, GF, OF		495	550	650

K SIZE (14)

Series or Name — Description		Avg	Ex-Fn	Mint
15J, gilded, KW	★★★	$2,200	$2,600	$3,000



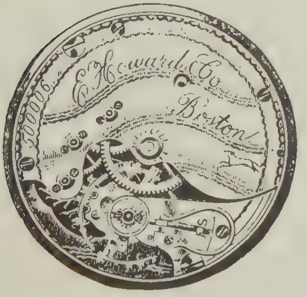
Series XII, 16 size, 17 jewels, split plate model, gold jewel settings, serial number 700270.



Series X, 12 or J size, 15 jewels, note deer on movement, serial number 501361.

J SIZE (12)

Series or Name — Description		Avg	Ex-Fn	Mint
X, 15J, nickel, hound, SW, 14K, OF	★	$1,000	$1,250	$1,550
X, 15J, nickel, horse, SW, 14K, OF	★	1,100	1,300	1,650
X, 15J, nickel, deer, SW, 14K, OF	★	1,200	1,400	1,750



Series X, 12 size, 15 jewels, note hound on movement, serial number 500006.

Series VI, 6 or G size, 15 jewels, serial number 102058.

E. HOWARD & CO. (continued)

I SIZE (10)

Series or Name — Description		Avg.	Ex-Fn	Mint
15J, gilded, KW	★★★	$2,200	$2,600	$3,000

G SIZE (6)

Series or Name — Description	Avg	Ex-Fn	Mint
VI, 15J, gilded, KW, 18K, HC	$1,400	$1,700	$2,000
VI, 15J, gilded or nickel, SW, 18K, HC	1,200	1,400	1,700
VI, 15J, gilded or nickel, SW, 14K, HC	900	1,100	1,400

E. HOWARD WATCH CO.

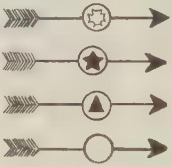
Waltham, Massachusetts

1903 — 1930

The Howard name was purchased by the Keystone Watch Case Co. in 1902. The watches are marked "E. Howard Watch Co. Boston, U. S. A." There were no patent rights transferred, just the Howard name. The "Edward Howard" chronometer was the highest grade, 16 size, and was introduced in 1912 for $350.

ESTIMATED SERIAL NUMBERS AND PRODUCTION DATES

Date	Serial No.
1903	900,000
1909	980,000
1912	1,100,000
1915	1,285,000
1917	1,340,000
1921	1,400,000
1930	1,500,000



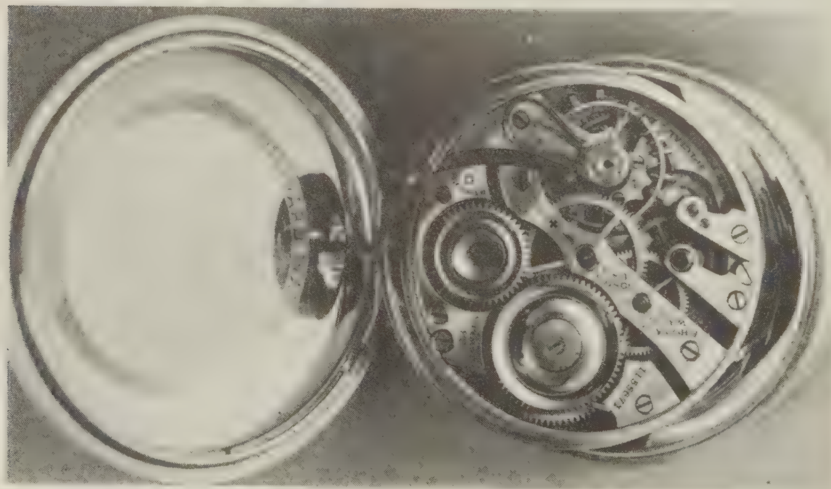
The opposite arrows denote number of jewels and adjustments in each grade.

Cross—23 jewel, 5 positions

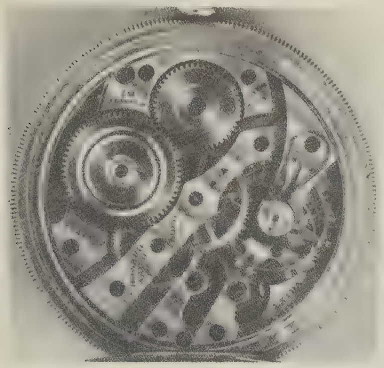
Star—21 jewel, 5 positions

Triangle—19 jewel, 5 positions

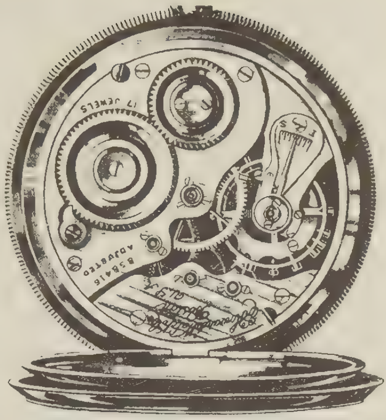
Circle—17 jewel, 3 positions



E. Howard Watch Co., Series 0, 16 size, 23 jewels, in original E. Howard Watch Co. swing-out movement Keystone Extra gold filled case.



Series 5, 16 size, 19 jewels, serial number 1115739.

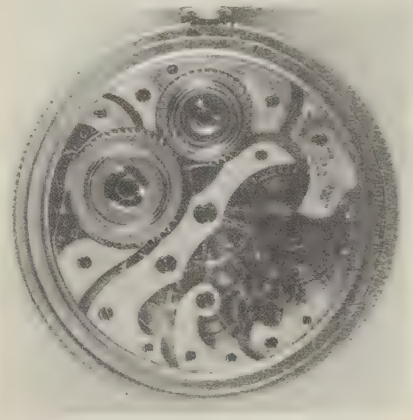


Series 9, 16 size, 17 jewels, three-quarter plate, adjusted to HCI5P.

E. HOWARD W. CO.
BOSTON
16 SIZE

Series or Name — Description	Avg	Ex-Fn	Mint
Series 0, 23J, BRG, HCI5P, DR, Ruby banking pins	$450	$500	$600
Series 0, 23J, BRG, HCI5P, DR, jeweled barrel	500	550	675
Series 0, 23J, BRG, HCI5P, DR, OF, 14K	800	895	975
No. 1, 21J, BRG, HCI5P, DR ★★★	300	345	395
Series 2, 17J, BRG, HCI5P, DR, HC	175	225	250
Series 2, 17J, BRG, HCI5P, DR, OF	120	135	175
Series 3, 17J, ¾, HCI3P, DR, Model 1905	90	100	125
Series 3, 17J, OF, 14K	395	450	500
No. 5, 19J, GJS, BRG, HC ★★	850	1,000	1,200
Series 5, 19J, BRG, HCI5P, DR, 14K	500	550	625
Series 5, 19J, BRG, HCI5P, DR, 1907 Model	185	225	275

Series 11, Railroad Chronometer, 16 size, 21 jewels, adjusted to HCI5P, serial number 1317534.



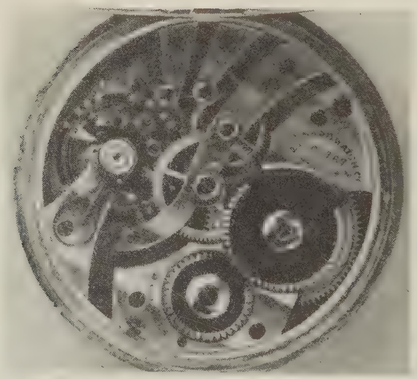
Edward Howard Model, 16 size, 23 blue sapphire jewels, frosted gold bridge, serial number 77, c. 1914.

E. HOWARD WATCH CO., 16 SIZE (continued)

Series or Name — Description	Avg	Ex-Fn	Mint
Series 9, 17J, ¾, HCI5P, DR	175	220	265
Series 9, 17J, ¾, HCI5P, DR, 14K	475	525	580
Series 10, 21J, BRG, HCI5P, DR	235	260	290
Series 11, 21J, R.R. Chrono.,HCI5P, DR	235	260	290
"Edward Howard," 23 blue sapphire J, HCI6P, GJS, GT, DR — Serial numbers below 300, without box ★★	5,000	6,000	7,500
"Edward Howard," 23 blue sapphire J, HCI6P, GJS, GT, DR — Serial numbers below 300, with original box and papers ★★	7,000	8,000	9,500
23J, E. Howard W. Co. S# on movement and Waltham S# under dial (mfg. by Waltham), 14K ★★	1,200	1,400	1,600
17J Hamilton Model, ¾	225	275	295

12 SIZE

Series or Name — Description	Avg	Ex-Fn	Mint
Series 6, 19J, BRG, DR, HCI5P, 1908 Model, 14K, HC	$350	$375	$400
Series 6, 19J, BRG, DR, HCI5P, 14K, OF	195	235	285
Series 6, 19J, BRG, DR, HCI5P	75	100	125
Series 7, 17J, BRG, DR, HCI3P, 14K, OF	340	365	390
Series 7, 17J, BRG, DR, HCI3P	100	110	125
Series 8, 21J, BRG, DR, HCI5P	135	145	165
Series 8, 23J, BRG, DR, HCI5P, 14K, OF	400	475	525
Series 8, 23J, BRG, DR, HCI5P	165	190	245
Series 8, 23J, BRG, DR, HCI5P, 14K, HC	450	470	595



Series 8, 12 size, 23 jewels, adjusted to HCI5P, serial number 1105787.

E. Howard Watch Co., 10 size, 17 jewels, HCI3P, serial number 61230.

10 SIZE

Series or Name — Description	Avg	Ex-Fn	Mint
Thin Model, 21J, ADJ, 14K case	$190	$225	$275
Thin Model, 19J, ADJ, 14K case	160	195	250
Thin Model, 17J, ADJ, 14K case	135	185	240

Note: Found with octagon, decagon, hexagon, triad, and cushion shaped cases.

ILLINOIS SPRINGFIELD WATCH CO.
Springfield, Illinois
1869 — 1927

The Illinois Springfield Watch Company changed its name to Springfield Illinois Watch Co. between 1879-1885 and to Illinois Watch Company between 1885-1927. Illinois Watch Company was organized mainly through the efforts of J. C. Adams. The first directors were J. T. Stuart, W. B. Miller, John Williams, John W. Bunn, George Black and George Passfield. In 1879 the company changed all its watches to a quick train movement by changing the number of teeth in the fourth wheel. The first mainspring made by the company was used in 1882. The next year soft enamel dials were used.

The Illinois Watch Co. used more names on its movements than any other watch manufacturer. To identify all of them requires extensive knowledge by the collector plus a good working knowledge of watch mechanics. Engraved on some early movements, for example, are "S. W. Co." or "I. W. Co., Springfield, Ill." To the novice these abbreviations might be hard to understand, thus making Illinois watches difficult to identify. But one saving clue is that the location "Springfield, Illinois" appears on most of these watches. It is important to learn how to identify these type watches because some of them are extremely collectible. Examples of some of the more valuable of these are: the Benjamin Franklin (size 18 or 16, 25 or 26 jewels), Paillard's Non-Magnetic, Pennsylvania Special, C & O, and B & O railroad models.

The earliest movements made by the Illinois Watch Co. are listed below. They made the first watch in early 1872, but the company really didn't get off the ground until 1875. Going by the serial number, the first watch made was the Stuart. Next was the Mason, followed by the Bunn, the Miller, and finally the Currier. The first stem-wind was made in 1875.

The Illinois Watch Company was sold to Hamilton Watch Co. in 1927. The Illinois factory continued to produce Illinois watches under the new management until 1932. After 1933 Hamilton produced watches bearing the Illinois name in their own factory until 1939.

Illinois made watches for other companies which are listed below. These watches, for the most part, did not contain the Illinois name. But most all contain the Illinois serial numbers (Exceptions: Ball, Paillard, & J. P. Stevens). Their age can be determined by simply looking up the serial numbers on the Illinois Serial Numbers List, and the model can be compared to the Illinois model diagrams for identification purposes.

ILLINOIS ESTIMATED SERIAL NUMBERS AND PRODUCTION DATES

Date	Serial No.	Date	Serial No.	Date	Serial No.
1872	5,000	1893	470,000	1915	2,700,000
1873	20,000	1894	525,000	1916	2,800,000
1874	50,000	1895	590,000	1917	3,000,000
1875	75,000	1896	650,000	1918	3,200,000
1876	100,000	1897	700,000	1919	3,400,000
1877	125,000	1898	850,000	1920	3,600,000
1878	150,000	1899	900,000	1921	3,750,000
1879	170,000	1900	1,300,000	1922	3,900,000
1880	200,000	1902	1,500,000	1923	4,000,000
1881	220,000	1903	1,650,000	1924	4,500,000
1882	230,000	1904	1,700,000	1925	4,700,000
1883	250,000	1905	1,800,000	1926	4,800,000
1884	285,000	1906	1,840,000	1927	5,000,000
1885	310,000	1907	1,900,000	(Sold to Hamilton)	
1886	340,000	1908	2,100,000	1928	5,200,000
1887	350,000	1909	2,150,000	1929	5,350,000
1888	360,000	1910	2,200,000	1930	5,400,000
1889	380,000	1911	2,300,000	1931	5,500,000
1890	400,000	1912	2,400,000	1932	5,600,000
1891	430,000	1913	2,500,000		
1892	460,000	1914	2,600,000		

(See **Illinois Identification of Movements** section located at the end of the Illinois price section to identify the movement, size and model number of your watch.)

(Prices are with gold filled cases except where noted.)

Illinois Watch Co., Bates Model, 18 size, 7 jewels, key wind & set, serial number 43876, c. 1874.

Bunn Special, 18 size, 26 Ruby jewels, "J. Home & Co." on dial, adjusted to six positions, gold jewel settings, serial number 2019415

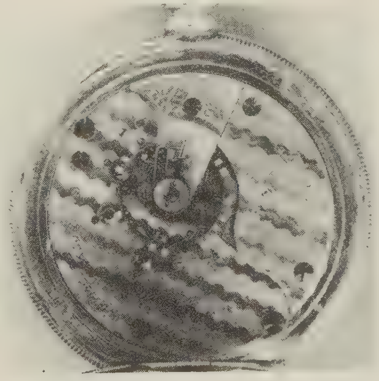
ILLINOIS
18 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Alleghany, 11J, KW, Silveroid	$65	$75	$85
Alleghany, 11J, M#1, NI, KWM#	80	95	110
Alleghany, 11J, M#2, NI, Transition	75	85	95
America, 7J, M#3, Silveroid	65	75	85
America, 7J, M#1-2, KW, FULL	85	100	125
America Special, 7J, M#1-2, KW, FULL	95	115	135
Army & Navy, 19J, GJS, HCI5P, FULL	240	275	320
Army & Navy, 21J, GJS, HCI5P, FULL	265	300	365
B & O R.R. Special, 17J, GJS, ADJ	240	275	320
B & O R.R. Special, 21J, GJS, NI, ADJ	750	950	1,150
B & R Standard, 24J, GJS, ADJ	1,000	1,100	1,350
Bates, 7J, M#1-2, KW, FULL	120	135	160
Benjamin Franklin U.S.A., 17J, ADJ, NI	350	425	500
Benjamin Franklin U.S.A., 21J, GJS, HCI6P, NI	700	850	1,000
Benjamin Franklin U.S.A., 21J, GJS, HCI5P, NI	750	950	1,150
Benjamin Franklin U.S.A., 24J, GJS, HCI6P, FULL, NI, DMK	1,500	1,700	1,900
Benjamin Franklin U.S.A., 25J, GJS, HCI6P, FULL, NI, DMK ★★★	4,200	4,800	5,400
Benjamin Franklin U.S.A., 26J, GJS, HCI6P, FULL, DR, NI, DMK ★★★	5,500	6,000	7,000
Bunn, 15J, M#1, KW, KS, FULL, OF	575	700	875
Bunn, 15J, M#1, KW, KS, ADJ, FULL	700	825	950
Bunn, 15J, KW/SW transition	375	400	425
Bunn, 15J, KW, Coin	450	480	525
Bunn, 15J, KW, M#1, HC	600	700	895
Bunn, 16J, KW, OF	400	450	550
Bunn, 17J, SW, M#1, HC	130	155	180

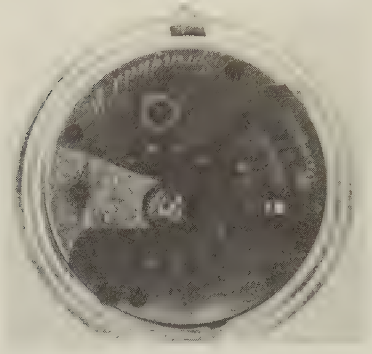
Grade or Name — Description	Avg	Ex-Fn	Mint
Bunn, 17J, SW, NI, Coin	125	140	170
Bunn, 17J, SW, M#3, 5th pinion, gilded	550	650	750
Bunn, 17J, SW, NI, FULL	125	145	175
Bunn, 19J, SW, NI, FULL, OF, LS, GJS ★	230	270	395
Bunn, 19J, SW, OF, Coin ★	200	275	375
Bunn, 19J, SW, GJS, FULL, HC ★	295	350	475
Bunn, 21J, SW, OF, Coin ★	150	175	225
Bunn, 21J, SW, GJS, FULL, HC ★★	195	225	275
Bunn, 21J, M#5&6, OF, LS, NI, FULL, GJS ★★	175	200	250
Bunn, 24J, SW, NI, FULL, LS, GJS ★★	525	650	800
Bunn, 24J, SW, NI, FULL, LS, GJS, HC ★★★	700	850	1,000
Bunn Special, 17J, GJS, ADJ, DR, OF	125	155	175
Bunn Special, 17J, GJS, ADJ, DR, 2-Tone ★	145	160	195
Bunn Special, 17J, SW, Silveroid ★	95	115	125
Bunn Special, 17J, SW, GJS, ADJ, HC ★	140	165	195
Bunn Special, 19J, GJS, ADJ, DR	200	250	325
Bunn Special, 21J, SW, Coin	125	140	175
Bunn Special, 21J, GJS, ADJ, HC	225	290	325
Bunn Special, 21J, GJS, ADJ, DR, OF	140	165	195
Bunn Special, 21J, GJS, HCI5P, HC, 14K	995	1,100	1,395
Bunn Special, 21J, GJS, ADJ, 2-Tone	185	225	260
Bunn Special, 21J, GJS, HCI5P, DR	160	195	240
Bunn Special, 21J, Extra, GJS	185	225	360
Bunn Special, 23J, GJS, ADJ, DR	275	300	325
Bunn Special, 23J, GJS, HCI6P, DR	325	350	400
Bunn Special, 23J, GJS, HCI6P, DR, 2-Tone	325	350	400
Bunn Special, 24J, GJS, HCI5P, DR, HC	700	750	800
Bunn Special, 24J, GJS, HCI5P, DR, 14K, HC	1,300	1,400	1,500
Bunn Special, 24J, GJS, HCI5P, DR, OF	550	625	675
Bunn Special, 24J, GJS, HCI6P, DR, OF	575	650	700
Bunn Special, 25J, GJS, HCI6P, DR ★★★	7,000	8,000	9,000
Bunn Special, 26J, GJS, HCI6P, DR ★★	5,400	5,800	6,400
Central Truck Railroad, 15J, KW, KS	200	275	350
Chesapeake & Ohio Special, 21J, GJS, 2-Tone	800	900	1,050
Chesapeake & Ohio Special, 24J, NI, ADJ, GJS	1,500	1,650	1,850

24 RUBY JEWELS
Bunn Special
ILLINOIS WATCH CO.
SPRINGFIELD

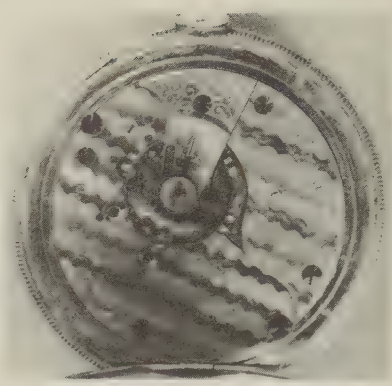
Bunn Special, 18 size 24 jewels, adjusted, serial number 1413435.



Bunn, 18 size, 17 jewels, 2-tone movement, adjusted, serial number 1404442.



Dean, 18 size, 15 jewels, key wind & set, serial number 64613.

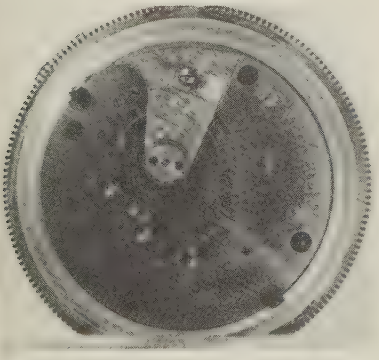


Ill. W. Co., 18 size, 17 jewels, adjusted, 2-tone movement, serial number 1404442.

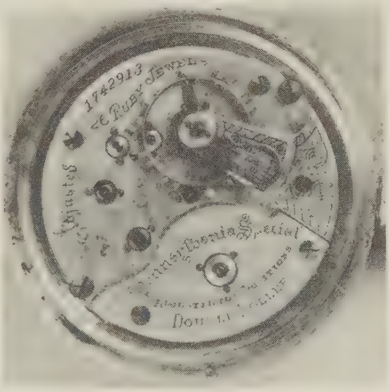
Grade or Name — Description	Avg	Ex-Fn	Mint
Columbia, 11J, M#3, 5th Pinion	100	125	150
Columbia, 11J, M#1 & 2, FULL, KW	70	80	90
Columbia, 11J, M#1 & 2, Silveroid	45	55	65
Columbia Special, 11J, M#1-2-3, FULL, KW	65	95	125
Columbia Special, 11J, M#1-2-3, FULL, KW, transition	75	85	95
Comet, 11J, M#3, OF, LS, SW	65	75	85
Commodore, 17J, HC	115	130	150
Currier, 11J, KW, FULL, OF	85	125	160
Currier, 11J, KW, FULL, Coin	60	70	80
Currier, 11J, KW, HC	100	120	140
Currier, 11J, KW/SW, HC	85	120	175
Currier, 11J, transition, OF	75	110	150
Currier, 11J, M#3	75	85	95
Currier, 13J, M#3	80	90	100
Dauntless, 11J	70	85	100
Dean, 15J, M#1, KW, FULL	175	200	300
Eastlake, 11J, SW, KW, Transition	75	95	120
Enterprise, M#2, ADJ	75	95	120
Eureka, 11J	75	90	110
Forest City, 11J, HC	85	95	120
General Grant or General Lee, 11J, M#1, KW	195	220	250
Hoyt, 9-11J, M#1-2, KW, FULL	85	100	120
Illinois Watch Co., 11J, M#1-2, KW, FULL	60	75	90
Illinois Watch Co., 11J, M#3	65	80	95
Illinois Watch Co., 13J, M#1-2, KW, FULL	80	95	110
Illinois Watch Co., 15J, M#1-2, KW, FULL	85	100	115
Illinois Watch Co., 15J, G#106, KW, ADJ, FULL, NI	100	125	150
Illinois Watch Co., 17J, M#3, 5th Pinion	200	225	260
Illinois Watch Co., 15J, SW, ADJ, DMK, NI	75	85	95
Illinois Watch Co., 15J, transition	65	75	85
Illinois Watch Co., 15J, SW, Silveroid	50	60	70
Illinois Watch Co., 15J, SW, 9K, HC	175	200	240
Illinois Watch Co., 17J, SW, Silveroid	55	65	75
Illinois Watch Co., 17J, SW, ADJ	80	95	105
Illinois Watch Co., 17J, transition	90	105	125

ILLINOIS WATCH CO., 18 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Interior, 7J, KW, FULL	80	110	120
Interior, 7J, M#3	70	85	100
Interstate Chronometer, 17J, HC	350	400	475
Interstate Chronometer, 17J, OF	300	350	495
Interstate Chronometer, 23J, HCI5P, GJS, NI, OF	950	1,050	1,150
Interstate Chronometer, 23J, HCI5P, GJS, NI, HC	1,050	1,100	1,350
Iowa W. Co., 7J, M#1-2, KW, FULL	60	75	90
King of the Road, 16&17J, NI, OF & HC, LS, FULL, ADJ	350	425	500
Lafayette, 24J, GJS, HCI6P, NI, SW, OF	900	1,050	1,200
Lakeshore, 17J, OF, LS, NI, FULL, SW	70	80	95
Landess W. Co., 7-11J	85	90	125
Liberty Bell, 17J, NI, SW, FULL	70	80	95
Liberty Bell, 17J, Silveroid	45	55	65
A. Lincoln, 21J, Silveroid	65	75	85
A. Lincoln, 21J, HCI5P, NI, GJS, HC	135	150	175
A. Lincoln, 21J, HCI5P, NI, FULL, DR, OF, GJS	125	145	165
Maiden Lane, 17J, 5th Pinion	300	340	375
Manhatten, 11J, HC, NI, FULL, KW, LS	75	95	110
Mason, 7J, KW, KS, HC, FULL	60	70	85
Miller, 15J, Silveroid	75	85	95
Miller, 15J, M#1, HC, KW, FULL	100	125	150
Miller, 15J, M#1, HC, KW, FULL, ADJ	175	200	225
Miller, 15J, KW, FULL, OF	100	120	140
Miller, 17J, 5th Pinion, ADJ	275	300	325
Monarch W. Co., 17J, NI, ADJ, SW, FULL	100	125	150
Montgomery Ward, 21J	125	150	175
Montgomery Ward Timer, 21J, Silveroid	95	110	125
Montgomery Ward, 24J	800	950	1,200
Muscatine W. Co., 15J, LS, NI, HC	120	135	150
Non-Magnetic W. Co., 21J, OF	225	250	275
Paillard Non-Magnetic W. Co., 15J, NI	60	75	80
Paillard Non-Magnetic W. Co., 17J, GJS, NI, HCI5P	75	85	95
Paillard Non-Magnetic W. Co., 21J, GJS, NI, HCI5P	135	155	185
Paillard Non-Magnetic W. Co., 23J, GJS, NI, HCI5P	400	500	600
Paillard Non-Magnetic W. Co., 24J, GJS, NI, HCI5P	1,000	1,200	1,400



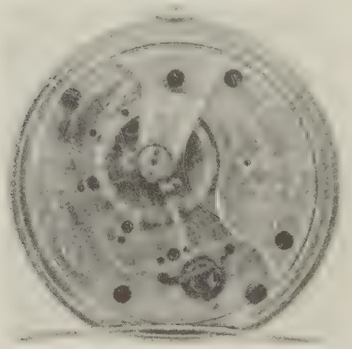
Miller, 18 size, 15 jewels, 5th pinion model.



Pennsylvania Special, 18 size, 26 jewels, adjusted to HCI6P, 2-tone movement, serial number 1742913.

ILLINOIS WATCH CO., 18 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Pennsylvania Special, 17J, GJS, HCI3P	300	400	500
Pennsylvania Special, 21J, DR, HCI5P	800	1,000	1,250
Pennsylvania Special, 24J, DR, GJS, ADJ	1,000	1,250	1,500
Pennsylvania Special, 25J, DR, GJS, ADJ, NI ★★	2,800	3,400	4,000
Pennsylvania Special, 26J, DR, GJS, ADJ, NI ★★	5,000	5,800	6,500
Plymouth W. Co., 17J, SW, FULL	85	100	120
Potomac, 17J, OF, FULL, ADJ, NI	125	135	145
The President, 17J, DMK, FULL, 10K gold case	700	800	950
The Railroader, 15J, OF, FULL, ADJ, NI	150	175	200
Railroad King, 15-17J, FULL, NI, ADJ	350	400	550
Railroad King, 15-17J, FULL, NI, ADJ 350	400	550	
Railway Engineer, 15J	160	175	195
Railway Regulator, 15J, KW, KS, gilt	250	300	375
S. W. Co., 15J, M#1, KW, HC	85	95	135
Sears & Roebuck Special, 17J, GJS, NI, DMK, ADJ	125	140	165
Senate, 17J, NI, DMK, FULL	95	110	130
Southern R.R. Special, 21J, LS, ADJ, OF	500	625	750
Southern R.R. Special, 21J, M#5, LS, ADJ, HC	625	750	900
J. P. Stevens, 17J, SW. FULL, NI	400	500	650
Stuart, 15J, M#1, KW, KS	500	625	750
Stuart, 15J, M#1, KW, KS, transition ★★	375	450	550
Stuart, 15J, M#1, KW, KS, ADJ ★★	700	800	950
Stuart, ADJ, KW, Abbotts Conversion, 18K, HC ★★	1,575	1,700	1,950
Stuart, 15J, M#1, KW, KS, Coin ★★	400	525	650
Stuart, 17J, M#3, 5th Pinion ★★	375	450	550
Stuart, 17J, M#3, 5th Pinion, ADJ ★★	500	600	700
Transition Models, 17J, OF	120	135	150
Time King, 17J, OF, LS, FULL, NI	100	125	150
Time King, 21J, OF, LS, FULL	135	170	200
Washington W. Co. (See Army & Navy, Liberty Bell, Lafayette, Senate)			
65, 15J, HC, LS, M#2	75	95	120
101, 11J, FULL, SW, KW, OF	50	65	80
101, 11J, SW, KW, Silveroid	40	50	65
101, 11J, SW, KW, HC	55	75	85
102, 13J, SW, KW, Silveroid	45	55	65

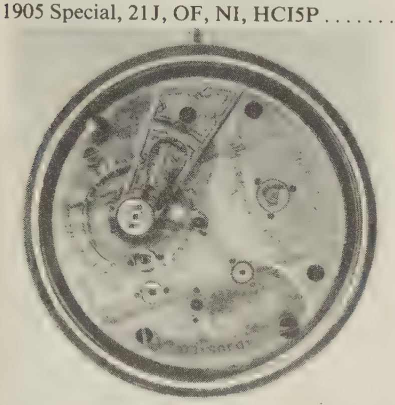


Railroad King, 18 size, 17 jewels, Fifth Pinion Model, adjusted, note Chalmer patented regulator, serial number 1160836

Stuart, 18 size, 17 jewels, adjusted, serial number 5520. Note fifth pinion model; all believed to have 17 jewels.

ILLINOIS WATCH CO., 18 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
102, 13J, SW, KW, OF	70	80	90
102, 13J, FULL, SW, KW, HC	75	85	95
104, 15J, M#2, HC ★★	250	300	450
104, 17J, M#3, OF ★★★	275	325	500
105, 17J, M#3, OF ★★★	375	475	550
105, 15J, M#2, GJS, ADJ, FULL, KW, KS, HC ★★	275	350	475
106, 15J, ADJ, FULL, KW, KS	115	135	160
444, 17J, OF, NI, ADJ, FULL	70	85	125
445, 19J, GJS, 2-Tone, HC	1,000	1,200	1,400
1905 Special, 21J, OF, NI, HCI5P	300	400	500


Washington Watch Co., Lafayette model, 18 size, 24 Ruby jewels, gold jewel settings, adjusted, serial number 3392897

Ben Franklin, 16 size, 25 jewels, gold jewel settings, gold train, serial number 2242138.

ILLINOIS
16 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Adams Street, 17J, ¾, SW, NI, DMK, HC	$185	$225	$300
Adams Street, 21J, 3F brg, NI, DMK	250	375	400
Ak-Sar-Ben (Nebraska backward), 17J, OF, GCW	110	125	140
Ariston, 23J, GJS, HCI6P, OF	800	900	1,200
Ariston, 23J, GJS, HCI6P, HC	1,000	1,100	1,400
Arlington Special, 17J, OF	70	85	125
Arlington Special, 17J, OF, Silveroid	45	55	65
Army & Navy, 19J, GJS, HCI5P, NI, 1F brg	125	150	175
B & M Special, 17J, BRG, HCI4P	135	150	190
B & O Standard, 21J	250	375	400
Benjamin Franklin, 17J, ADJ, DMK, ¾	200	325	400
Benjamin Franklin, 21J, GJS, HCI5P, DR, GT, ¾	300	400	500
Benjamin Franklin, 25J, GJS, HCI6P, DR, GT, ¾, OF	3,500	4,000	4,500
Benjamin Franklin, 25J, GJS, HCI6P, DR, GT, ¾, HC	4,500	5,000	5,500
Bunn, 17J, LS, OF, NI, ¾, GJS, HCI5P	95	110	135
Bunn, 19J, LS, OF, NI, ¾, GJS, HCI5P	100	115	140
Bunn, 19J, LS, OF, NI, ¾, GJS, HCI5P, 60 hour	275	325	400
Bunn, 19J, marked Jewel Barrel	160	200	245
Bunn Special, 19J, LS, OF, NI, ¾, HCI6P, GT	175	225	275

Bunn Special, Model 161A, 16 size, 21 jewels, gold jewel settings, gold train, 60 hour movement, adjusted to HCI6P, serial number 5569516.

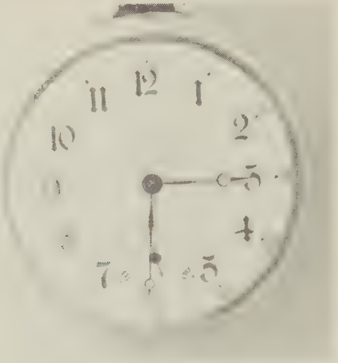
Bunn Special, Model 163, 16 size, 23 jewels, gold jewel settings, gold train, 60 hour movement, serial number 5421504.

Grade or Name — Description	Avg	Ex-Fn	Mint
Bunn Special, 19J, LS, OF, NI, ¾, HCI6P, GT, Silveroid	140	165	190
Bunn Special, 19J, LS, OF, NI, ¾, HCI6P, GT, 60 hour	300	350	435
Bunn Special, 21J, LS, OF, NI, GJS, Silveroid	80	95	120
Bunn Special, 21J, LS, OF, NI, GJS, HC ★★★	575	650	800
Bunn Special, 21J, LS, OF, NI, ¾, GJS, HCI6P, GT	125	150	175
Bunn Special, 21J, LS, OF, NI, ¾, GJS, HCI6P, GT, 60 hour	185	225	265
Bunn Special, 21J, LS, OF, NI, ¾, GJS, HCI6P, GT, 60 hr. Elinvar	225	275	325
Bunn Special, 21J, 60 hr., 14K, OF	485	570	600
Bunn Special, 23J, LS, OF, NI, ¾, GJS, HCI6P, GT	275	325	350
Bunn Special, 23J, LS, OF, NI, ¾, GJS, HCI6P, GT, 60 hour	350	450	550
Bunn Special, 23J, LS, OF, NI, ¾, GJS, HCI6P, GT, with 23J 60-hour on dial	450	550	650
Burlington W. Co., 19J, ¾, NI, HCI3P	70	85	100
Burlington W. Co., 19J, BRG, NI, HCI3P	75	90	110
Burlington W. Co., 19J, ¾, NI, HCI3P, Silveroid	40	55	70
Burlington W. Co., 19J, ¾, HC	80	95	120
Burlington W. Co., 19J, 3F brg, NI, HCI3P	75	95	110
Burlington W. Co., 21J, ¾, NI, HCI3P	95	115	130
Burlington W. Co., 21J, HCI6P, GJS ★★	500	600	795
Burlington, Bull Dog, 21J, SW, LS, GJS, GT	130	150	180
Capitol, 19J, OF, ¾, NI, HCI5P	95	125	175
C & O Special, 21J, ¾, NI, ADJ	600	700	800
Diamond, Ruby, Sapphire, 21J, GJS, GT, HCI6P, NI, BRG, DR ★	500	675	850
Diamond, Ruby, Sapphire, 23J, GJS, GT, HCI6P, NI, BRG, DR ★★	1,750	2,200	2,800
Dispatcher, 19J, HCI3P	65	75	90
Forest City, 17J, KW/SW, gilted, FULL	150	175	200

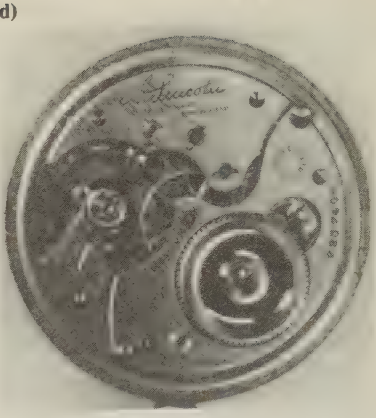
Burlington, 16 size, 19 jewels, gold center wheel, serial number 2823667

Illinois Watch Co., 16 size, 25 jewels, three-fingered bridge, gold train, hunting. Note serial number S731870.

Grade or Name — Description		**Avg**	**Ex-Fn**	**Mint**
Franklin Street, 15J, ¾, NI, ADJ		65	75	95
Getty Model, 21J		145	180	225
Getty Model, 17J		75	85	95
Great Northern Special, 17J, BRG, ADJ		125	145	165
Great Northern Special, 19J, BRG, ADJ		135	155	185
Great Northern Special, 21J, BRG, ADJ, HCI3P		150	225	300
Illinois Central, 17J, 2-Tone, GT		75	95	105
Illinois Watch Co., 7J, M#1-2-3		60	70	80
Illinois Watch Co., 11J, M#1-2-3		65	75	85
Illinois Watch Co., 11J, ¾, OF		70	85	90
Illinois Watch Co., 11J, ¾, Silveroid		40	50	60
Illinois Watch Co., 11J, ¾, HC		80	90	100
Illinois Watch Co., 15J, M#1-2-3, Silveroid		45	55	65
Illinois Watch Co., 15J, M#1-2-3, HC		75	85	95
Illinois Watch Co., 15J, M#1-2-3, OF		70	90	100
Illinois Watch Co., 15J, ¾, ADJ		85	95	110
Illinois Watch Co., 15J, 3F brg, GJS		80	100	120
Illinois Watch Co., 17J, 14K, HC		500	525	575
Illinois Watch Co., 17J, SW, Silveroid		50	60	70
Illinois Watch Co., 17J, SW, HC		80	90	100
Illinois Watch Co., 17J, M#1-2-3		75	85	95
Illinois Watch Co., 17J, ¾, ADJ		100	125	150
Illinois Watch Co., 17J, 3F brg, GJS, HCI5P		125	155	190
Illinois Watch Co., 19J, M#1, ¾, GJS, HCI5P		150	175	225
Illinois Watch Co., 19J, ¾, BRG, HCI3P		80	90	100
Illinois Watch Co., 21J, Silveroid		65	75	85
Illinois Watch Co., 21J, GJS, HC		120	135	155
Illinois Watch Co., 21J, ¾, GJS, HCI5P		115	130	150
Illinois Watch Co., 21J, 3F brg, GJS, HCI5P		150	175	200
Illinois Watch Co., 23J, GJS		185	235	300
Illinois Watch Co., 25J, 3F brg, GJS, HCI5P	★ ★ ★	4,000	4,500	5,000
Interstate Chronometer, 17J, GCW, HCI5P, HC		275	300	375
Interstate Chronometer, 17J, GCW, HCI5P, OF		250	285	340
Interstate Chronometer, 23J, 1F brg, ADJ, OF		900	1,000	1,100
Interstate Chronometer, 23J, 1F brg, ADJ, HC		1,000	1,100	1,200



Interstate Chronometer dial, 16 size, 17-23 jewels.



A. Lincoln, 16 size, 21 jewels, gold jewel settings, gold train, adjusted to HCI5P, serial number 2237406.

Grade or Name — Description	Avg	Ex-Fn	Mint
Lafayette, 23J, 1F brg, GJS, HCI5P, GT	800	850	900
Lakeshore, 17J, OF	70	85	100
Lakeshore, 17J, HC	75	90	110
Liberty Bell, 17J	80	95	125
A. Lincoln, 21J, ¾, GJS, HCI5P	95	115	150
Marine Special, 21J, ¾, HCI3P	75	95	120
Monroe, 17J, NI, ¾, OF (Washington W. Co.)	85	110	135
Monroe, 15J, ¾, OF (Washington W. Co.)	75	85	110
Paillard Non-Magnetic Watch Co., 11J, ¾	65	80	95
Paillard Non-Magnetic Watch Co., 15J, ¾	70	85	100
Paillard Non-Magnetic Watch Co., 17J, ¾, HCI5P, DMK	75	90	110
Paillard Non-Magnetic Watch Co., 21J, ¾, GJS, HCI5P, DMK	275	350	425
Pennsylvania Special, 23J, ¾, GJS, HCI5P	750	1,100	1,400
Plymouth W. Co., 17J, HC & OF	80	95	120
Precise, 21J, OF, LS, HCI3P	120	145	175
Quincy Street, 17J, ¾, NI, DMK, ADJ	70	80	90
Railroad Dispatcher, 11J, HC	60	75	95
Railroad Official, 23J, 3F brg	300	400	500
Railway King, 17J, OF	150	195	250
Sangamo, 21J, GJS, HC	135	150	185
Sangamo, 21J, GJS, HCI5P, Silveroid	75	85	95
Sangamo, 21J, ¾, GJS, DR, HCI6P	125	150	175
Sangamo, 23J, ¾, GJS, DR, HCI6P	140	165	200
Sangamo, 25J, M#5, ¾, GJS, DR, HCI6P	5,500	6,500	7,500
Sangamo, 26J, M#5, ¾, GJS, DR, HCI6P	6,500	7,500	8,500
Sangamo Extra, 21J, ¾, GJS, DR, HCI6P	300	400	500
Sangamo Special, 19J, BRG, GJS, GT, HCI6P	350	375	400
Sangamo Special, 19J, BRG, GJS, GT, HCI6P, 60 hour	400	525	650
Sangamo Special, 21J, Silveroid	125	150	175
Sangamo Special, 21J, HC	500	700	800
Sangamo Special, 21J, BRG, GJS, GT, HCI6P	400	500	600
Sangamo Special, 21J, BRG, GJS, GT, Diamond end cap	400	500	625
Sangamo Special, 23J, BRG, GJS, GT, HCI6P	325	350	375

ILLINOIS WATCH CO., 16 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Sangamo Special, 23J, BRG, GJS, GT, HCI6P, Diamond end stone	350	375	400
Sangamo Special, 23J, BRG, GJS, GT, HCI6P, marked 60 hour, rigid bow	535	690	850
Sangamo Special, 23J, BRG, GJS, GT, HCI6P, **not** marked 60 hour, rigid bow	425	500	575
Santa Fe Special, 17J, BRG, HCI3P	140	170	200
Santa Fe Special, 21J, ¾, HCI5P	150	170	200
Santa Fe Special, 21J, ¾, HCI5P, Silveroid	85	95	120
Sears, Roebuck & Co. Special, 17J, ADJ	85	100	135
Senate, 17J, OF, NI, ¾	85	100	135
Standard, 15J	55	65	75
Stewart, 17J	65	75	85
Stewart Special, 17J	75	85	95

Sangamo, 16 size, 23 jewels, adjusted to HCI6P, gold jewel settings, gold train, serial number 2222797.

Sangamo Special, 16 size, 19 jewels, 60 hour movement, adjusted to HCI6P, gold jewel settings, gold train, serial number 4720522.

Grade or Name — Description	Avg	Ex-Fn	Mint
Time King, 17J, OF	65	75	85
Victor, 21J, ¾, HCI5P	75	85	100
161 Bunn Special, 21J, ¾, HCI6P, 60 hour	175	200	250
161A Bunn Special, 21J, ¾, HCI6P, 60 hour	225	275	325
161A Elinvar Bunn Special, 21J, ¾, HCI6P, 60 hour	350	400	450
161B, Bunn Special, 60 hour, pressed jewels ★ ★	1,500	2,000	2,500
163 Bunn Special, 23J, GJS, HCI6P, ¾, 60 hour	350	400	450
163 Elinvar Bunn Special, 23J, GJS, HCI6P, 60 hour	575	650	750
163A Bunn Special, 23J, GJS, HCI6P, ¾, 60 hour	600	725	875
163A Elinvar Bunn Special, 23J, GJS, HCI6P, ¾, 60 hour	600	725	875
163A, Elinvar Bunn Special, 23J, GJS, HCI6P, ¾, 60 hour, #206 case ★ ★	750	850	950
167L, 17J, marked	125	150	175
167, 17J	50	65	85
169, 19J, HCI3P	75	85	95
175, 19J, GJS, BRG, HC	850	1,000	1,200
177, 19J, SW, LS, 60 hour, HCI5P, OS	400	525	650

ILLINOIS WATCH CO., 16 SIZE (continued)

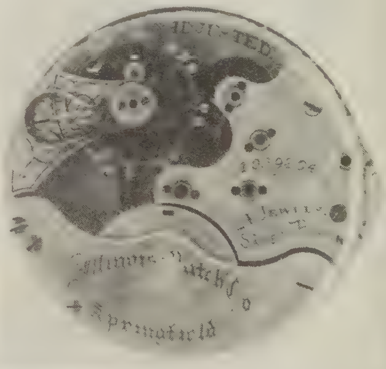
167L, 16 size, 17 jewels, serial number 5341658, finished by Hamilton.

Grade 187, 16 size, 17 Ruby jewels, three-fingered bridge model, gold jewel settings, gold train, HC15P, serial number 2487510

Grade or Name — Description	Avg	Ex-Fn	Mint
179, 21J, HC, 3F brg, marked Ruby Jewels	300	400	500
187, 17J, 3F brg, HC15P, GJS, GT	150	185	225
189, 21J, 3F brg, HC16P, GJS, GT, DR, marked Ruby Jewels	300	425	550
333, 15J, HC	85	95	110
555, 17J, ¾, ADJ	90	110	125
777, 17J, ¾, ADJ	90	110	125
900, 19J, LS, HC13P, Silveroid	65	75	85

ADJUSTED
Illinois Watch Co.
Springfield

Illnois Watch Co., 14 size, 16 jewels, adjusted to HC15P:



Illinois Watch Co., 14 size, 21 jewels, adjusted, nickel movement, gold jewel settings, serial number 1029204

ILLINOIS
14 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Illinois Watch Co., 7J, M#1-2-3, SW	$40	$50	$60
Illinois Watch Co., 11J, M#1-2-3, SW	50	60	70
Illinois Watch Co., 15J, M#1-2-3, SW	60	70	80
Illinois Watch Co., 16J, M#1-2-3, SW	75	85	95

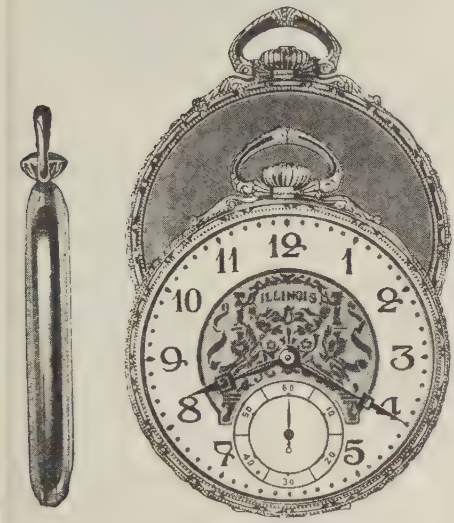
ILLINOIS WATCH CO., 14 SIZE (continued)

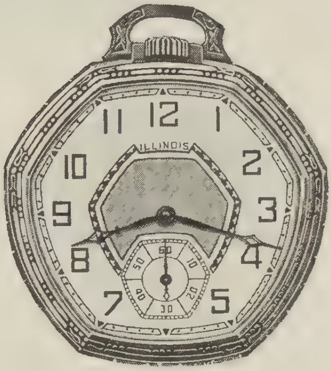
Grade or Name — Description	Avg	Ex-Fn	Mint
Illinois Watch Co., 21J, M#1-2-3, SW	95	110	125
Illinois Watch Co., 21J, Silveroid	60	70	80

THE MARQUIS—AUTOCRAT

12 SIZE — THIN MODEL

17 Jewels, Adjusted 3 Positions

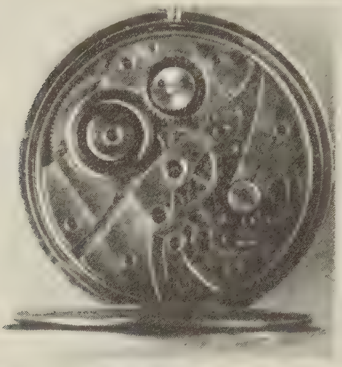




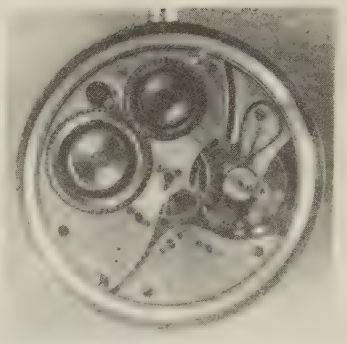
Example of Illinois Thin Model, 12 size, 17 jewels, adjusted to 3 positions.

ILLINOIS
12 SIZE and 13 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Aristocrat, 19J, OF	$50	$60	$75
Ariston, 23J, OF	160	175	195
Autocrat, 17J, HCI3P, ¾	60	70	80
Autocrat, 19J, HCI3P, ¾	75	85	95
Benjamin Franklin, 17J, OF	175	200	225
Burlington W. Co., 21J, OF	60	70	80
Central, 17J, OF, 2-Tone	45	55	65
Diamond Ruby Sapphire, 21J, HCI5P, GJS	275	325	375
Elite, 19J, OF	60	70	80
Illini, 21J, HCI5P, 14K, HC	350	385	420
Illini, 21J, HCI5P, BRG, GJS	110	120	130
Illini, 23J, HCI5P, BRG, GJS	200	250	300
Illinois Watch Co., 15J, OF	50	60	70
Illinois Watch Co., 17J, OF, 14K	275	285	325
Illinois Watch Co., 17J, HC, GF	55	65	75
Illinois Watch Co., 19J, OF	65	75	85

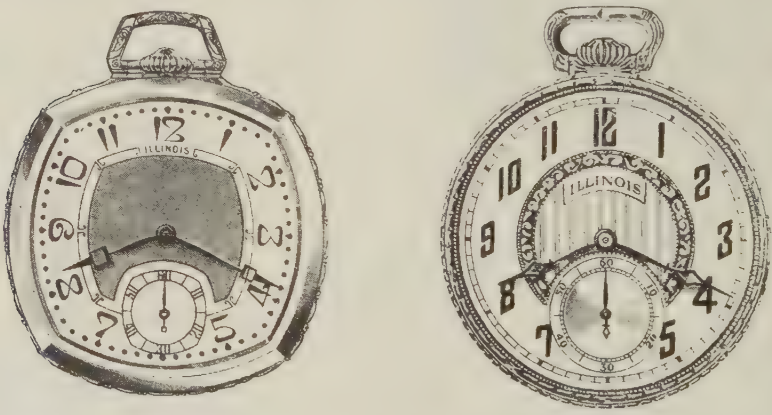


Illini, 12 size, 21 jewels, bridge model, serial number 3650129. Note five tooth click.



Santa Fe Special, 12 size, 21 jewels, three-quarter plate, serial number 3414422.

Grade or Name — Description	Avg	Ex-Fn	Mint
Illinois Watch Co., 21J, OF	60	70	80
Illinois Watch Co., 21J, HC	65	75	85
Interstate Chronometer, 21J, GJS, OF	150	175	200
Interstate Chronometer, 21J, GJS, HC	175	200	250
A. Lincoln, 19J, HCI5P, GJS, DR	65	75	85
A. Lincoln, 21J, HCI5P, DR, GJS	75	85	95
Marquis, 17J, OF	50	60	70
Railroad Dispatch Special, 17J, SW, GT	75	85	95
Santa Fe Special, 21J	95	105	135
Sterling, 17J, OF	35	45	55
Stewart Special, 17J, SW, HCI3P	50	55	60
Stewart Special, 19J, SW, OF, GT	55	60	65
Time King, 19J, SW, HCI3P	60	65	70
Time King, 21J, SW, HCI3P	70	75	80
Transit, 19J, OF, PS	60	65	70
Washington W. Co., 11J, HC	80	110	140
Washington W. Co., Army & Navy, 19J	90	130	160



Examples of 12 size gold filled cases. Movement on right has raised figures with engraved Moire dial.

Grade or Name — Description	Avg	Ex-Fn	Mint
121, 21J, HCI3P	65	75	85
127, 17J	35	45	55
129, 19J, HCI3P	55	60	65
219, 11J, M#1	30	40	50
403, 15J, BRG	40	45	55
405, 17J, BRG, ADJ	55	65	75
409, 21J, BRG, Diamond, Ruby, Sapphire, HCI5P, GJS	275	325	375
410, 23J, BRG, GJS, HCI6P, DR	150	175	200
410, 23J, BRG, GJS, HCI6P, DR, 14K, OF	350	375	400

ILLINOIS
8 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Arlington, 7J, ¾ ★	$95	$105	$125
Rose LeLand, 13J, ¾ ★★	150	175	225
Stanley, 7J, ¾ ★★★	125	160	190
Mary Stuart, 15J, ¾ ★★	175	200	250
Sunnyside, 11J, ¾ ★	95	125	160
151, 7J, ¾	45	55	65
152, 11J, ¾	55	65	70
155, 11J, ¾	65	75	80
155, 11J, ¾, Coin	30	40	55

Grade 156, 8 size, 16 jewels, adjusted.

Grade 144, 6 size, 15 jewels, serial number 590290.

ILLINOIS
6 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Illinois W. Co., 7J, LS, HC, 14K	$250	$275	$300

ILLINOIS WATCH CO., 6 SIZE (continued)

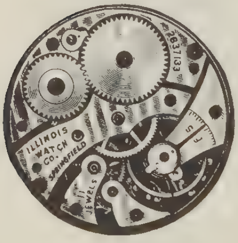
Grade or Name — Description	Avg	Ex-Fn	Mint
Illinois W. Co., 7J, OF, HC	50	65	85
Illinois W. Co., 7J, OF, Coin	40	45	50
Illinois W. Co., 11J, OF, HC	55	75	90
Illinois W. Co., 15J, OF, HC, 14K	260	285	310
Illinois W. Co., 17J, OF, HC	65	80	95
Illinois W. Co., 19J, OF, HC	75	95	120
Washington W. Co., 15J, HC, Liberty Bell	125	165	200

ILLINOIS
4 SIZE

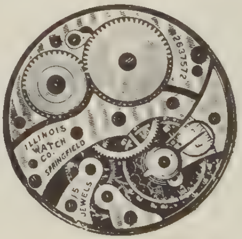
Grade or Name — Description	Avg	Ex-Fn	Mint
Illinois W. Co., 7J, LS, HC	$50	$55	$65
Illinois W. Co., 11J, LS, HC	60	65	70
Illinois W. Co., 15J, LS, HC	70	75	80

ILLINOIS
0 SIZE

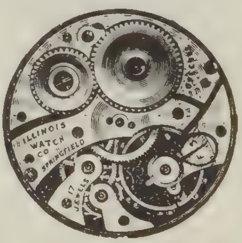
Grade or Name — Description	Avg	Ex-Fn	Mint
Illinois W. Co., 7J, LS, HC, 10K	$150	$195	$250
201, 11J, BRG, NI	75	95	125
203, 15J, BRG, NI	85	110	135
204, 17J, BRG, NI	100	125	150
Interstate Chronometer, 15J, HC, SW	90	115	150
Interstate Chronometer, 17J, HC, SW	95	125	160
Washington W. Co., Liberty Bell, 15J, ADJ	85	100	150
Washington W. Co., Mt. Vernon, 17J, ADJ	95	125	160


ILLINOIS WATCH CO. SPRINGFIELD
11 JEWELS
2637133

Grade 201, 0 size, 11 jewels, originally sold for $8.10.


ILLINOIS WATCH CO. SPRINGFIELD
15 JEWELS
2637572

Grade 203, 0 size, 15 jewels, originally sold for $10.40.


ILLINOIS WATCH CO. SPRINGFIELD
17 JEWELS

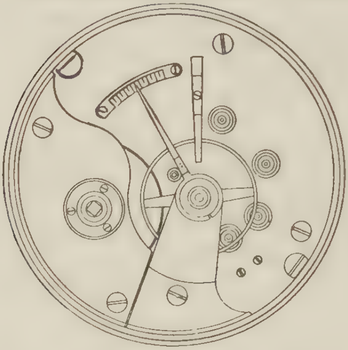
Grade 204, 0 size, 17 jewels, originally sold for $12.83.

ILLINOIS SPRINGFIELD WATCH CO.
IDENTIFICATION OF MOVEMENTS
BY MODEL NUMBER

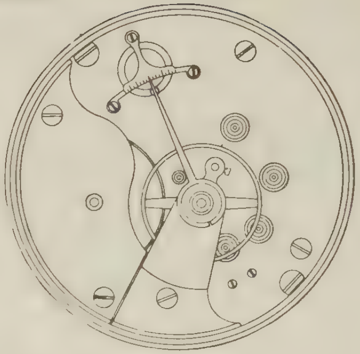
How to Identify Your Watch: Compare the movement of your watch with the illustrations in this section. Upon matching the movement exactly, the model number and size can be determined. While comparing, note the location of the balance, jewels, screws, gears and type of back plate (Full, ¾, Bridge) which will be clues in identifying the movement you have. Having determined the size and model number, you can now find your watch in the main price listing by name or number (which is engraved on the movement).

THE ILLINOIS WATCH COMPANY GRADE AND MODEL CHART

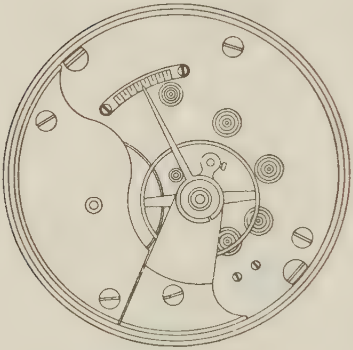
Size	Model	Plate Design	Setting	Hunting or Open Face	Type Barrel	Started w/ Serial No.	Remarks
18	1	Full	Key	Htg	Reg	1	Course train
	2	Full	Lever	Htg	Reg	38,901	Course train
	3	Full	Lever	OF	Reg	46,201	Course train, 5th pinion
	4	Full	Pendant	OF	Reg	1,050,001	Fast train
	5	Full	Lever	Htg	Reg	1,256,101	Fast train, RR Grade
	6	Full	Lever	OF	Reg	1,144,401	Fast train, RR Grade
16	1	Full	Lever	Htg	Reg	1,030,001	Thick model
	2	Full	Pendant	OF	Reg	1,037,001	Thick model
	3	Full	Lever	OF	Reg	1,038,001	Thick model
	4	¾ & brg	Lever	Htg	Reg	1,300,001	Getty model
	5	¾ & brg	Lever	OF	Reg	1,300,601	Getty model
	6	¾ & brg	Pendant	Htg	Reg	2,160,111	DR&Improved RR model
	7	¾ & brg	Pendant	OF	Reg	2,160,011	DR&Improved RR model
	8	¾ & brg	Lever	Htg	Reg	2,523,101	DR&Improved RR model
	9	¾ & brg	Lever	OF	Reg	2,522,001	DR & Improved model
	10	Cent brg	Lever	OF	Motor	3,178,901	Also 17s Ex Thin RR Gr 48 hr
	11	¾	Lever & Pen	OF	Motor	4,001,001	RR grade 48 hr
	12	¾	Lever & Pen	Htg	Motor	4,002,001	RR grade 48 hr
	13	Cent brg	Lever	OF	Motor	4,166,801	Also 17s RR grade 60 hr
	14	¾	Lever	OF	Motor	4,492,501	RR grade 60 hr
	15	¾	Lever	OF	Motor	5,488,301	RR grade 60 hr Elinvar
13	1	brg	Pendant	OF	Motor		Ex Thin gr 538 & 539
14	1	Full	Lever	Htg	Reg	1,009,501	Thick model
	2	Full	Pendant	OF	Reg	1,000,001	Thick model
	3	Full	Lever	OF	Reg	1,001,001	Thick model
12 Thin	1	¾	Pendant	OF	Reg	1,685,001	
	2	¾	Pendant	Htg	Reg	1,748,751	
	3	Cent brg	Pendant	OF	Reg	2,337,011	Center bridge
	4	Cent brg	Pendant	Htg	Reg	2,337,001	Center bridge
	5	Cent brg	Pendant	OF	Motor	3,742,201	Center bridge
	6	Cent brg	Pendant	Htg	Motor	4,395,301	Center bridge
12T	1	True Ctr brg	Pendant	OF	Motor	3,700,001	1 tooth click, Also 13s
	2	True Ctr brg	Pendant	OF	Motor	3,869,301	5 tooth click
	3	¾	Pendant	OF	Motor	3,869,201	2 tooth click
8	1	Full	Key or lever	Htg	Reg	100,001	Plate not recessed
	2	Full	Lever	Htg	Reg	100,101	Plate is recessed
6	1	¾	Lever	Htg	Reg	552,001	
4	1	¾	Lever	Htg	Reg	551,501	
0	1	¾	Pendant	OF	Reg	1,815,901	
	2	¾	Pendant	Htg	Reg	1,749,801	
	3	Cent brg	Pendant	OF	Reg	2,644,001	
	4	Cent brg	Pendant	Htg	Reg	2,637,001	



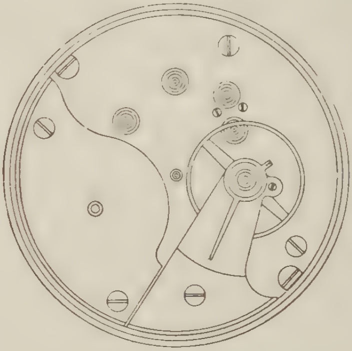
Model 1, 18 size, hunting, key wind & set.



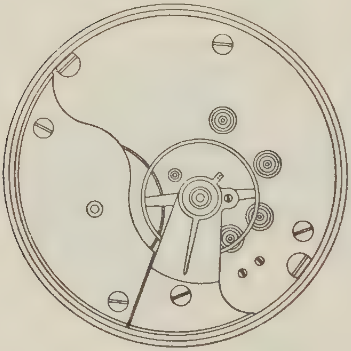
Model 2, 18 size, hunting, lever set, coarse train.



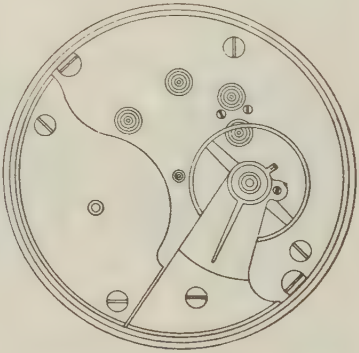
Model 3, 18 size, open face, lever set, coarse train, with fifth pinion.



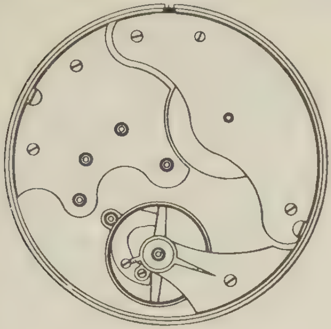
Model 4, 18 size, open face, pendant set, fine train.



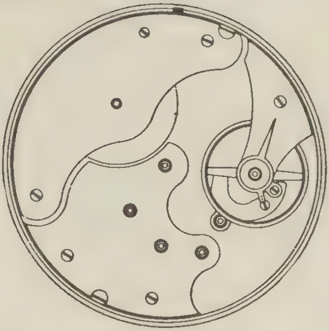
Model 5, 18 size, hunting, lever set, fine train.



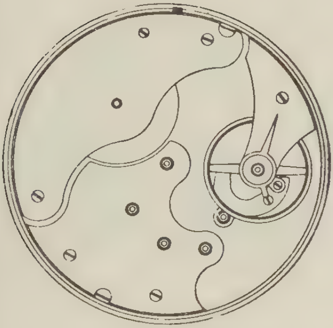
Model 6, 18 size, open face, lever set, fine train.



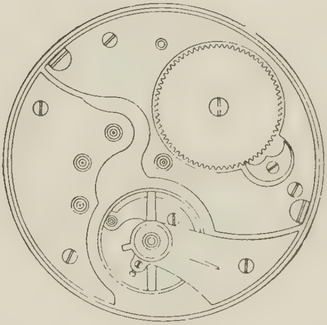
Model 1, 16 size, hunting, lever set.



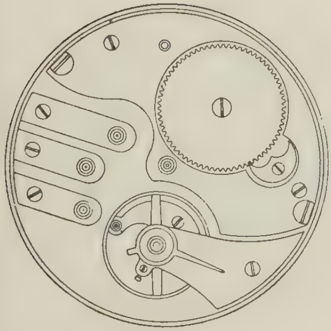
Model 2, 16 size, open face, pendant set.



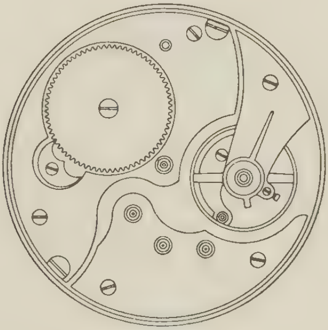
Model 3, 16 size, open face, lever set.



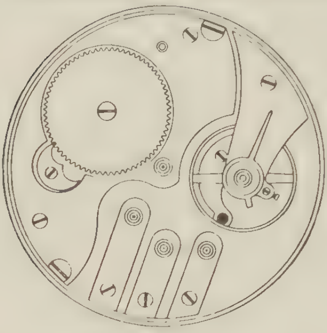
Model 4, 16 size, three-quarter plate, hunting, lever set.



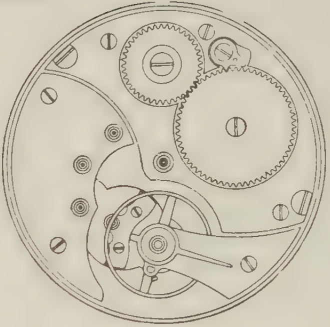
Model 4, 16 size, three-quarter plate, bridge, hunting, lever set.



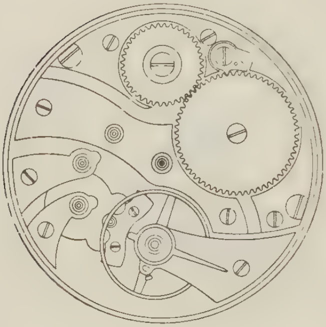
Model 5, 16 size, three-quarter plate, open face, lever set.



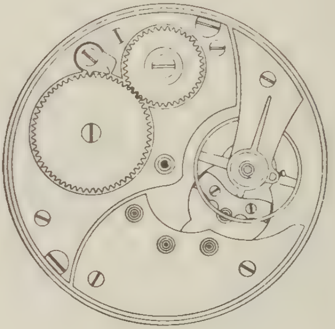
Model 5, 16 size, three-quarter plate, bridge, open face, lever set.



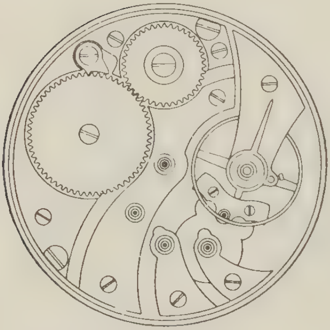
Model 6, 16 size—Pendant set
Model 8, 16 size—Lever set
hunting, three-quarter plate



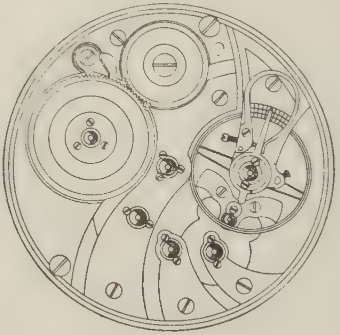
Model 6, 16 size—Pendant set
Model 8, 16 size—Lever set
hunting, bridge model



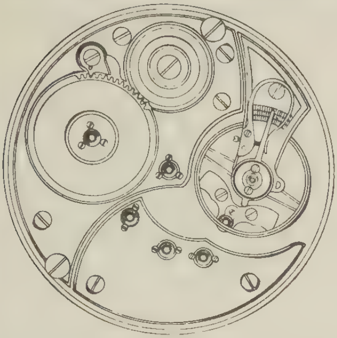
Model 7, 16 size—Pendant set
Model 9, 16 size—Lever set
open face, three-quarter plate



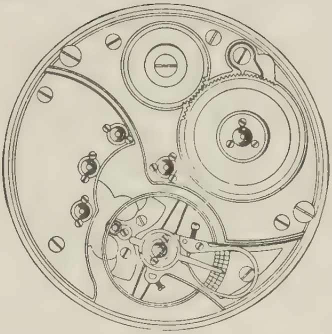
Model 7, 16 size—Pendant set
Model 9, 16 size—Lever set
open face, bridge model



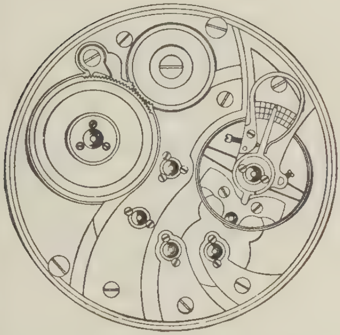
Model 10, 16 size, bridge, extra thin, open face, lever set, motor barrel.



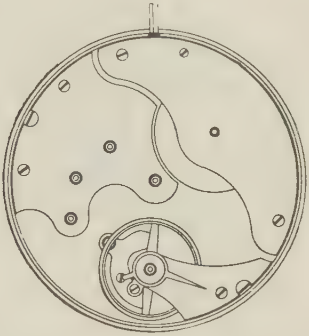
Model 11, 16 size, three-quarter plate, open face, pendant set, motor barrel.



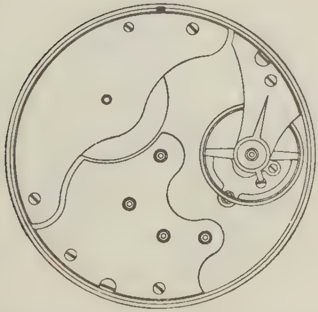
Model 12, 16 size, three-quarter plate, hunting, pendant set, motor barrel.



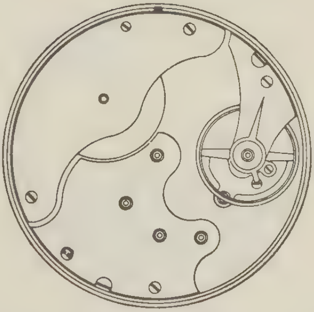
Model 13, 16 size, bridge, open face, lever set, motor barrel.



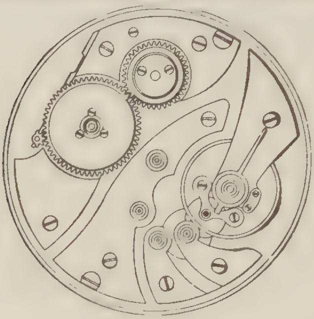
Model 1, 14 size, hunting, lever set.



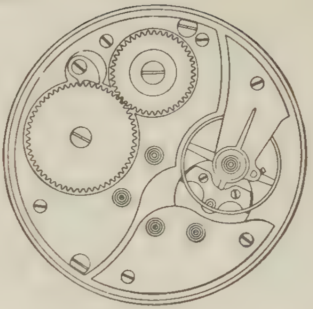
Model 2, 14 size, open face, pendant set.



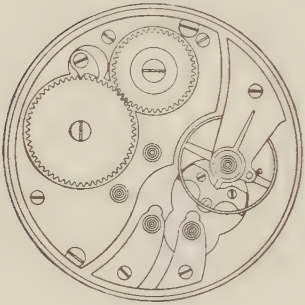
Model 3, 14 size, open face, lever set.



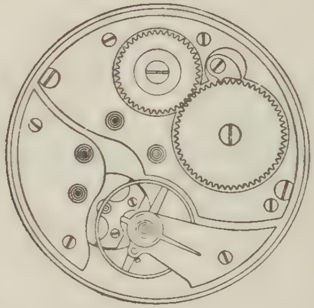
Model 1, 13 size, bridge, extra thin, open face, pendant set, motor barrel.



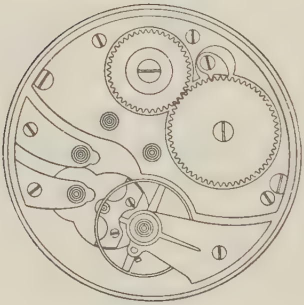
Model 1, 12 size, three-quarter plate, open face, pendant set.



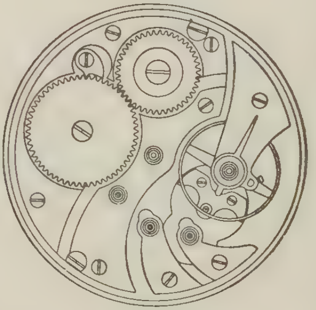
Model 1, 12 size, three-quarter plate, bridge, open face, pendant set.



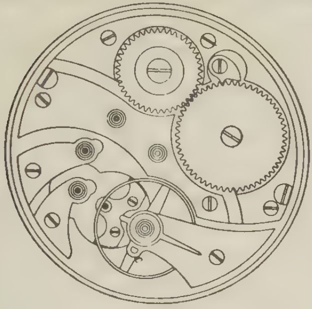
Model 2, 12 size, three-quarter plate, hunting, pendant set.



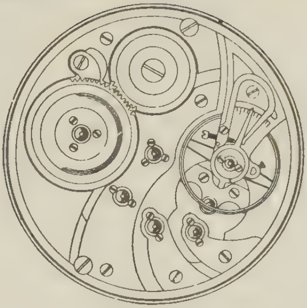
Model 2, 12 size, three-quarter plate, bridge, hunting, pendant set.



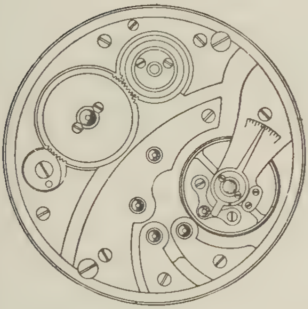
Model 3, 12 size, **Model 4**, 12 & 14 size, bridge, open face, pendant set.



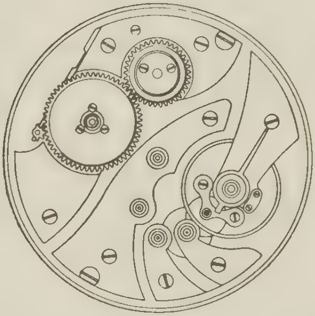
Model 4, 12 size, bridge, hunting, pendant set.



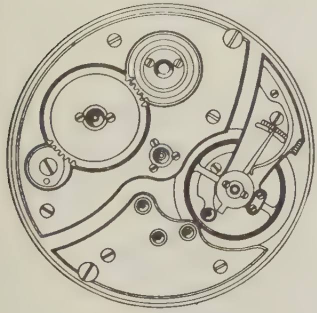
Model 5, 12 size, bridge, open face, pendant set, motor barrel.



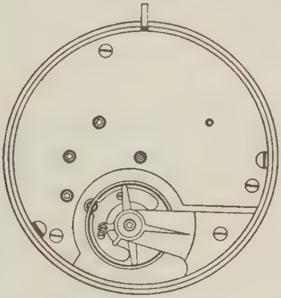
Model 1, 12 size, extra thin, bridge, open face, pendant set, motor barrel.



Model 2, 12 size, extra thin, bridge, open face, pendant set, motor barrel.

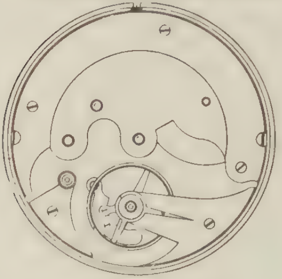


Model 3, 12 size, extra thin, three-quarter plate, open face, pendant set, motor barrel.

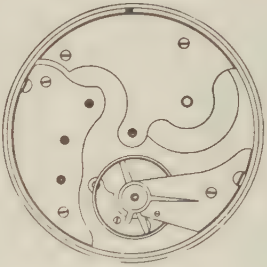


Model 1, 8 size, hunting, key or lever set.

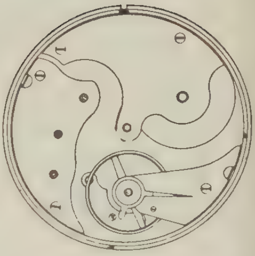
ILLINOIS SPRINGFIELD WATCH CO. (continued)



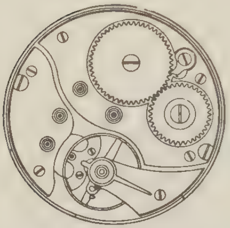
Model 2, 8 size, hunting, lever set.



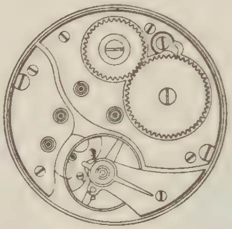
Model 1, 6 size, hunting, lever set.



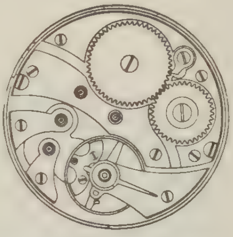
Model 1, 4 size, hunting, lever set.



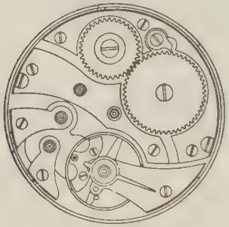
Model 1, 0 size, three-quarter plate, open face, pendant set.



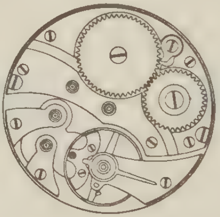
Model 2, 0 size, three-quarter plate, hunting, pendant set.



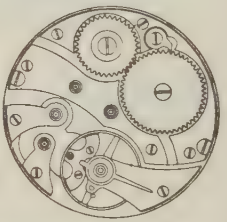
Model 3, 0 size, bridge, open face, pendant set.



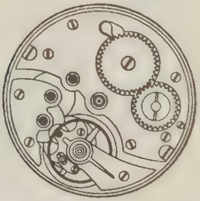
Model 4, 0 size, bridge, hunting, pendant set.



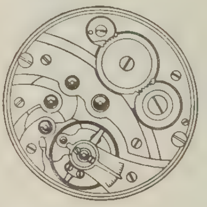
Model 3, 3/0 size, bridge, open face, pendant set.



Model 4, 3/0 size, bridge, hunting, pendant set.



Model 1, 6/0 size, three-quarter plate, open face, pendant set.



Model 2, 6/0 size, bridge, open face, pendant set.

INDEPENDENT WATCH CO.

Fredonia, New York

1880 — 1885

The California Watch Company was idle for two years before it was purchased by brothers E. W. Howard and C. M. Howard. They had been selling watches by mail for sometime and started engraving their own names and using American-made watches. Their chief supply came from Hampden Watch Co., Illinois, U. S. Watch Co. of Marion, and Cornell Watch Co. They formed the Independent Watch Co. in 1880, but were not a watch factory in the true sense. They had other manufacturers engrave their name on the top plates and on the dials of their watches. These watches were sold by mail order and sent to the buyer C. O. D. The names used on the movements were "Mark Twain," "Howard Bros.," "Independent Watch Co.," and "Fredonia Watch Co."

The company later decided to manufacture watches and used the name Fredonia Watch Co. But they found that selling watches two different ways was no good. The business survived until 1885 at which time the owners decided to move the plant to a new location at Peoria, Illinois. Approximately 350,000 watches were made that sold for $16.

Chronology of the Development of Independent Watch Co.:

Independent Watch Co.	1880-1883
Fredonia Watch Co.	1883-1885
Peoria Watch Co.	1885-1895

Grade or Name — Description	Avg	Ex-Fn	Mint
18S, 7J, KW, KS, OF, by U.S. W. Co. Marion, with butterfly cutout	$325	$425	$650
18S, 11J, KW, KS, by Hampden	160	175	220
18S, 11J, KW, KS, Coin	140	160	185
18S, 11J, KW, KS	150	175	200
18S, 15J, KW, KS	160	185	220
18S, Howard Bros., 11J, KW, KS	200	225	250
18S, Independent W. Co., 11J	150	175	200
18S, Mark Twain, 11J, KW, KS	250	300	495

Independent Watch Co., 18 size, 11 jewels, key wind & set, made by Hampden Watch Co. (Model number 1), serial number 170844.

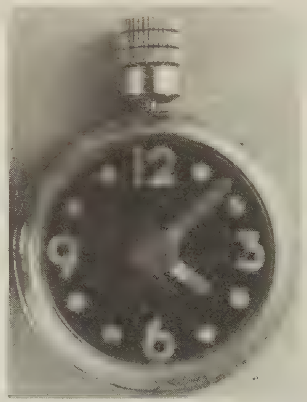
ROBERT H. INGERSOLL & BROS.
New York, New York
Made Watches 1892 — 1922

In 1892 this company published a catalog for the mail order trade. It contained men's watch chains and a "silverine" watch for $3.95. It was not a true Ingersoll but a "Universal," introduced that same year to the dealers. The first $1 watches were jeweled; "Reliance" had seven jewels. In 1916, Ingersoll's production was 16,000 a day. The slogan was "The Watch that Made the Dollar Famous." The first 1,000 watches were made by Waterbury Clock Co.; later Ingersoll produced his own watches in Waterbury and Trenton.

INGERSOLL
ESTIMATED SERIAL NUMBERS AND PRODUCTION DATES

Date	Serial No.	Date	Serial No.	Date	Serial No.
1892	150,000	1905	10,000,000	1918	47,500,000
1893	310,000	1906	12,500,000	1919	50,000,000
1894	650,000	1907	15,000,000	1920	55,000,000
1895	1,000,000	1908	17,500,000	1921	58,000,000
1896	2,000,000	1909	20,000,000	1922	60,500,000
1897	2,900,000	1910	25,000,000	1923	62,000,000
1898	3,500,000	1911	30,000,000	1924	65,000,000
1899	3,750,000	1912	38,500,000	1925	67,500,000
1900	6,000,000	1913	40,000,000	1926	69,000,000
1901	6,700,000	1914	41,500,000	1927	70,500,000
1902	7,200,000	1915	42,500,000	1928	71,500,000
1903	7,900,000	1916	45,500,000	1929	73,500,000
1904	8,100,000	1917	47,000,000	1930	75,000,000

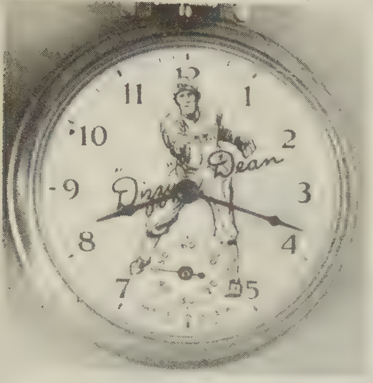
Ingersoll Back Wind & Set, patent date Dec. 23, 1890 and Jan. 13, 1891, c. late 1890s.



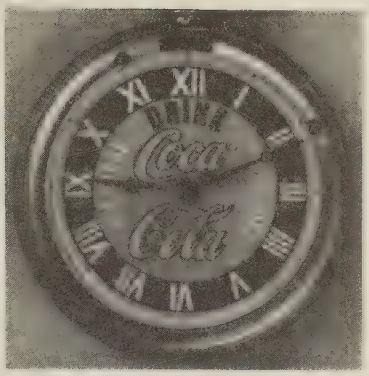
Ingersoll Blind Man's Watch.

INGERSOLL
DOLLAR TYPE

Grade or Name — Description	Avg	Ex-Fn	Mint
Ingersoll Back Wind ....★	$60	$75	$125
American Pride	75	80	90
Are U My Neighbor	15	20	30
B. B. H. Special, Backwind	50	60	75



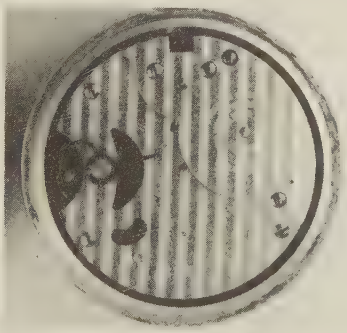
Example of an Ingersoll **Dizzy Dean** watch, c. 1935.



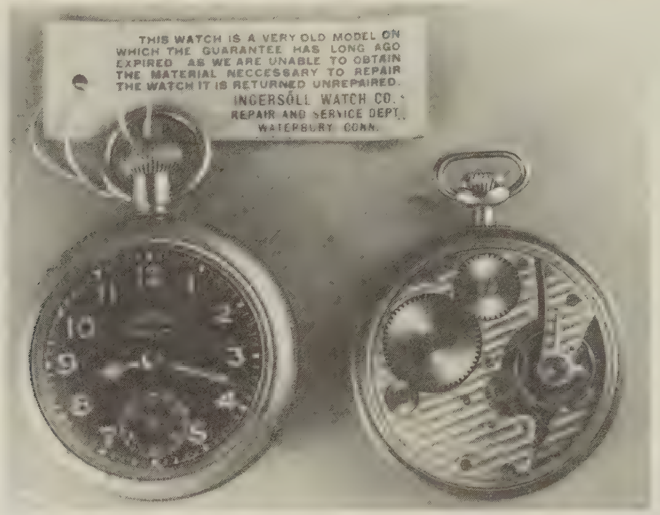
Example of an Ingersoll **Coca Cola** watch.

Grade or Name — Description	Avg	Ex-Fn	Mint
Big Bad Wolf, Three Pigs	150	200	275
Blind Man Pocket Watch	30	40	50
Buck	15	20	25
Buster Brown (two models), 1904	100	200	250
Champion (many models)	35	70	150
Chancery	50	60	75
Chicago Expo. 1933	125	150	295
Climax	35	40	60
Cloverine	50	60	75
Coca Cola (beware of fakes)	135	150	175
Colby	15	20	25
Columbus	35	50	70
Columbus (3 ships on back of case)	200	250	300
Connecticut W. Co.	25	35	45
Cord	10	25	30
Crown	15	20	25
Dan Dee	10	15	20
Defiance	20	35	45
Delaware W. Co.	15	20	25
Devon Mfg. Co.	10	15	20
Dizzy Dean	140	160	175
Eclipse (many models)	15	20	40

Ingersoll black engraved plate, note pin set.



Ingersoll, 16 size, stem wind.



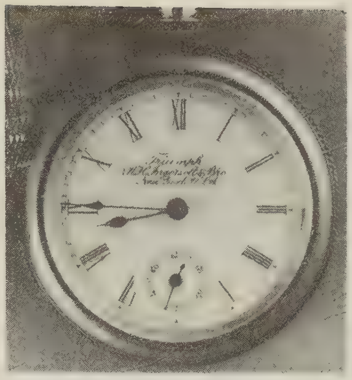
THIS WATCH IS A VERY OLD MODEL ON WHICH THE GUARANTEE HAS LONG AGO EXPIRED. AS WE ARE UNABLE TO OBTAIN THE MATERIAL NECCESSARY TO REPAIR THE WATCH IT IS RETURNED UNREPAIRED.

INGERSOLL WATCH CO.
REPAIR AND SERVICE DEPT.
WATERBURY CONN.

Example on left is a **Radiolite** with luminous hands and numbers. Example on right is a **Reliance** 7 jewel movement.

Grade or Name — Description	Avg	Ex-Fn	Mint
Eclipse Radiolite	20	30	35
Ensign	15	20	25
Escort	20	25	35
Freedom	25	30	35
Gotham	10	20	30
Graceline	35	40	50
Gregg	10	20	30
Junior (several models)	10	20	30
Junior Radiolite	30	35	40
Kelton	5	10	15
Lapel Watches	20	35	40
Leeds	10	15	20
Liberty U.S.A., backwind	70	85	125
Liberty Watch Co.	20	25	30
Major	5	10	15
Maple Leaf	20	25	35
Master Craft	5	10	15
Mickey Mouse, M#1 ★★	250	300	400
Mickey Mouse, M#2	200	250	300
Mickey Mouse, M#3	150	175	250
Mickey Mouse, M#4	100	125	150
Mickey Mouse Lapel Watch	125	150	200
Mickey Mouse Wrist Watch	45	50	75
Midget (several models)	20	35	50
Monarch	15	20	25
Moon Mullins	150	200	225
New West	20	25	35
Overland	35	40	50
Pan American Expo., Buffalo	125	150	295
Paris World Expo.	200	250	300

Example of an Ingersoll **Premium**, early back wind and set.

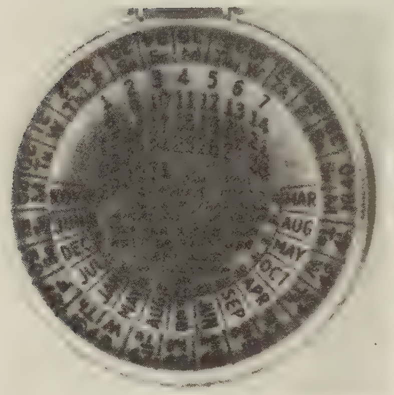


Example of an Ingersoll **Triumph**. Note pin for setting.

Grade or Name — Description	Avg	Ex-Fn	Mint
Patrol	25	30	45
Perfection	25	35	45
Pilgram	30	35	40
Premium Back Wind and Set	40	50	75
Progress, 1933 World's Fair Chicago	150	175	295
Puritan	20	35	40
Quaker	35	40	45
Radiolite	25	30	35
Reliance, 7J	20	25	30
Remington W. Co. USA	45	50	75
Royal	5	10	20
St. Louis World Fair (two models)	150	200	350
The Saturday Post	125	150	200
Scout "Be Prepared"	125	150	250
Senator	35	40	50
Senior	20	25	35
Sir Leeds	20	25	30
Solar	20	30	40
Souvenir Special	30	40	50
Sterling	35	40	50
Ten Hune	50	65	75
Three Little Pigs, Big Bad Wolf	150	200	275
Tom Mix	200	250	300
Traveler with Bed Side Stand	25	35	50
Triumph	50	65	75
Triumph Penset	125	150	200
True Test	20	25	30
Trump	25	30	35
USA (two models)	50	75	150
Universal, 1st model	150	200	300
Uncle Sam	30	40	50
George Washington	100	125	150
Waterbury (several models)	25	30	35
Winner	15	20	25
Winner with S.B.B.	35	40	50

INGERSOLL DOLLAR TYPE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Yankee Backwind	65	75	85
Yankee Radiolite	25	30	35
Yankee Radiolite with S.B.B.	35	40	50
Yankee Bicycle Watch	125	150	200
Yankee Special (many models)	40	75	200
Yankee, Perpetual calendar on back of case	20	35	50



Example of an Ingersoll moveable calendar for years 1929-1951 located on back of case.

Example of an Ingersoll watch made in Great Britain.

INGERSOLL LTD. GREAT BRITAIN)

Grade or Name — Description	Avg	Ex-Fn	Mint
Ingersoll Ltd. (many models)	$50	$75	$100
Dan Dare (similar to Buck Rogers)	120	140	160

INGERSOLL TRENTON

Grade or Name — Description	Avg	Ex-Fn	Mint
16S, 7J	$45	$50	$60
16S, 15J	50	60	65
16S, 17J	60	70	80
16S, 19J	125	135	150
12S, 4J	30	35	50

BUCK ROGERS

Example of a **Buck Rogers**, c. 1938.

New York to Paris, airplane model commemorating Lindbergh's famous flight.

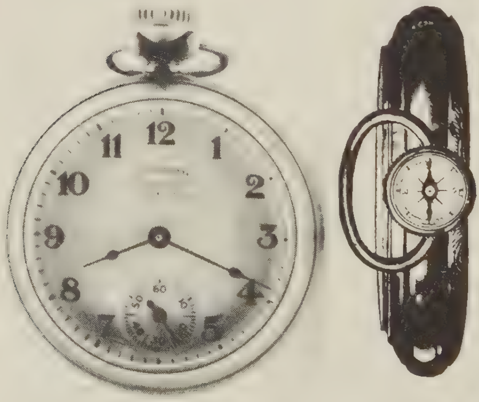
E. INGRAHAM CO.
Bristol, Connecticut
1912 — 1968

The E. Ingraham Co. purchased the Bannatyne Co. in 1912. They produced their first American pocket watch in 1913. A total of about 65 million American-made pocket watches were produced before they started to import watches in 1968.

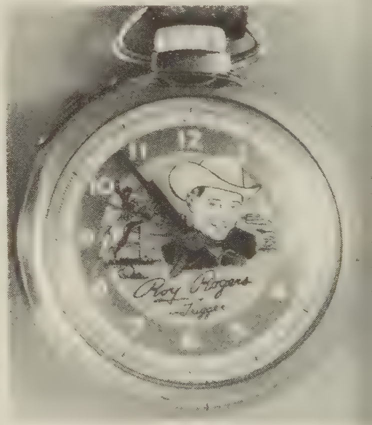
Grade or Name — Description	Avg	Ex-Fn	Mint
Ingraham W. Co. (many models)	$15	$25	$35
Aristocrat Railroad Sp.	15	25	30
Autocrat	10	15	20
Beacon	10	15	20
Biltmore	5	10	15
Biltmore Radium	10	15	20
Bristol	10	15	20
Buck Rogers	150	200	250
Captain Marvel	200	250	300
Captain Midnight	200	250	300
Clipper	10	15	20
Comet	10	15	18
Companion, sweep second hand	10	15	25
Cub	10	12	16
Dixie	5	10	14
Dot	8	15	18
Endura	10	15	20
Everbrite (all models)	15	20	25
Ingraham USA	5	10	12
Jockey	10	12	15
Laddie	20	25	30

E. INGRAHAM CO. (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Laddie Athlete	25	30	50
Lady's Purse Watch, with fancy bezel	30	35	40
Lendix Extra	20	25	35
Master	5	12	15
Miss Ingraham	20	25	35
New York to Paris	150	200	300
Overland	25	30	35
The Pal	10	20	25
Pastor	25	30	35
Pathfinder, compass on pendant	50	60	75
Patriot	100	150	200
Peerless	20	25	30
Pilot	20	24	32
Pocket Pal	10	15	20
Pony	15	20	25
Pride	15	20	25
Princess	15	20	25
Pup	20	30	35
Reliance	35	40	50
Rex	10	15	20
Rite Time	25	30	35
Roy Rogers	100	150	175
St. Regis	10	15	20
Secometer	15	20	30
Sentinel	10	15	20
Sentinel Click	10	15	20
Sentinel Fold Up Travel	35	40	50
Sentry	20	25	30
Silver Star	10	20	25
Sterling	15	25	30
Sterling W. Co. Stop Watch	35	40	45
Sturdy	5	12	15
Target	5	10	15
Time Ball	20	25	35



Example of **Path Finder** showing compass in crown.



Example of a Roy Rogers & Trigger with sweep secon
hand.

E. INGRAHAM CO. (continued)

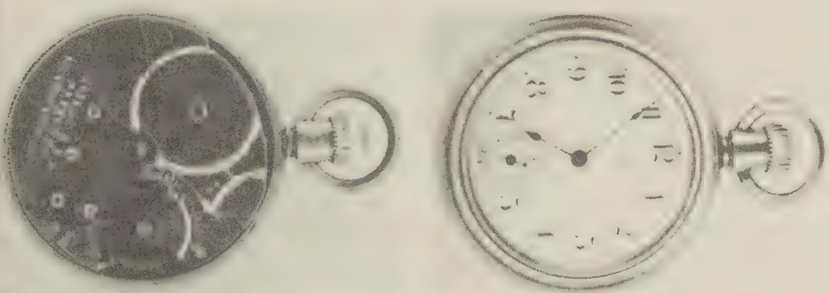
Grade or Name — Description	Avg	Ex-Fn	Mint
Time & Time	20	35	40
Top Flight	10	15	20
Top Notch	30	35	40
Tower	10	15	20
Trail Blazer	125	150	200
Unbreakable Crystal	25	30	35
Uncle Sam (all models)	35	40	45
Uncle Sam Backwind & Set	50	60	70
Viceroy	15	20	25
Victory	15	20	25
Zep	150	200	295

INTERNATIONAL WATCH CO.

Newark City, New Jersey

1902 — 1907

This company produced only non-jeweled or low-cost production type watches that were inexpensive and nickel plated. Names on their watches include: Berkshire, Madison, and Mascot.



Left: Example of a basic **International Watch Co.** movement with patent dates of Aug. 19, 1902, Jan. 27, 1903 & Aug. 11, 1903. Right: Example of a **Highland**.

Grade or Name — Description	Avg	Ex-Fn	Mint
Berkshire, OF ★	$50	$75	$100
Highland ★	35	45	75
Madison, 18S, OF ★	40	65	85
Mascot, OF ★	30	40	65

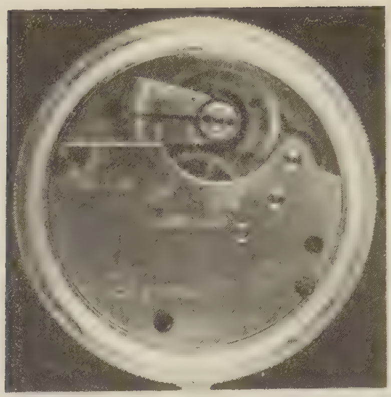
KANKAKEE WATCH CO.

Kankakee, Illinois

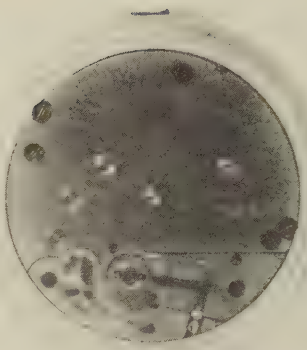
1900

This company reportedly became the McIntyre Watch Co. Little other information is available.

Grade or Name — Description	Avg	Ex-Fn	Mint
16S, BRG, NI ★★★	$4,500	$5,000	$5,500



Example of a basic **Keystone** movement, about 16-18 size, 7-11 jewels, stem wind, serial number 420843, c. 1888.



Example of a basic **Keystone** dust proof movement, about 16-18 size, 15 jewels, stem wind, serial number 341305, c. 1890.

KEYSTONE STANDARD WATCH CO.

Lancaster, Pennsylvania

1886 — 1890

Abram Bitner agreed to buy a large number of stockholders' shares of the Lancaster Watch Co. at 10 cents on the dollar; he ended up with 5,625 shares out of the 8,000 that were available. Some 8,900 movements had been completed but not sold at the time of the shares purchase. The company Bitner formed assumed the name of Keystone Standard Watch Co. as the trademark but in reality existed as the Lancaster Watch Co. The business was sold to Hamilton Watch Co. in 1891. Total production was 48,000.

Grade or Name — Description	Avg	Ex-Fn	Mint
18S, 20J, ¾, LS, HC ★★	$400	$550	$600
18S, 7-15J, OF, KW	70	85	115
18S, 15J, dust proof, ADJ	125	150	175
18S, 15J, dust proof	65	75	95
18S, West End, 15J, HC	135	155	175
18S, 11J, dust proof	60	70	80
18S, 7-15J, OF, SW, ¾, LS	40	60	80
6S, 7-10J, HC	80	95	110

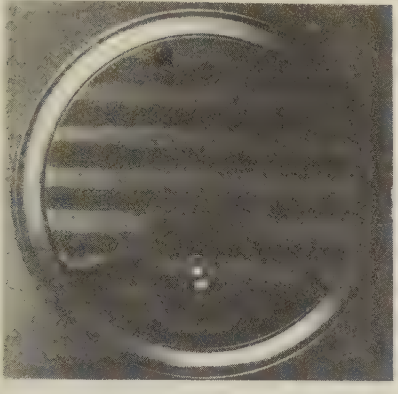
KNICKERBOCKER WATCH CO.

New York, New York

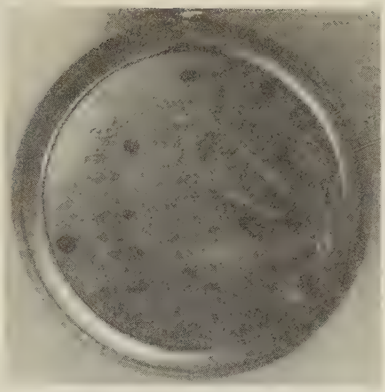
1890 — 1930

This company imported and sold Swiss and low-cost production American watches.

Grade or Name — Description	Avg	Ex-Fn	Mint
6S, Duplex	$45	$55	$65
12S, 7J, OF	45	60	75



Example of a basic **Knickerbocker** movement, 16-18 size, 7 jewels, duplex escapement.



Example of a basic **Knickerbocker** movement with a duplex escapement, 16-18 size.

Grade or Name — Description	Avg	Ex-Fn	Mint
18S, 7J, OF, PS, NI, duplex escapement	60	70	80
16S, 7J	55	65	75

LANCASTER WATCH CO.

Lancaster, Pennsylvania

1877 — 1886

Work commenced on Sept. 1, 1877, at the Lancaster Watch Co. The watches produced there were designed to sell at a cheaper price than normal. They had a solid top. ¾ plate, and a pillar plate that was fully ruby-jeweled (4½ pairs). They had a gilt and nickel movement and a new stem-wind device, modeled by Mosly & Todd. By mid-1878 the Lancaster Watch Co. had produced 150 movements. Four grades of watches were made: Keystone, Fulton, Franklin, and Melrose. In September 1879 the company had made 334 movements. In 1880 the total was up to 1,250 movements. And by mid-1882 about 17,000 movements had been produced. All totaled, about 20,000 watch movements were made.

About 75 8S Ladies' watches were also made.

Chronology of the Development of Lancaster Watch Co.:

Adams and Perry Watch Mfg. Co. — 1874-1876
Lancaster Watch Co. — 1877-1878
Lancaster Pa. Watch Co. — 1878-1879
Lancaster Watch Co. — 1879-1886
Keystone Standard Co. — 1886-1890
Hamilton Watch Co. — 1892-1958

LANCASTER

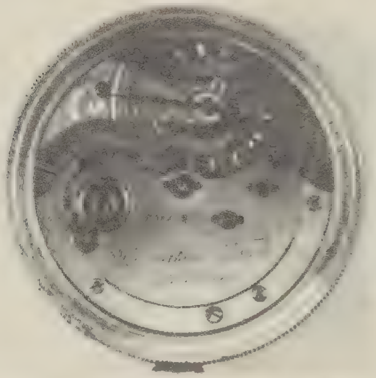
18 SIZE

(All ¾ Plate)

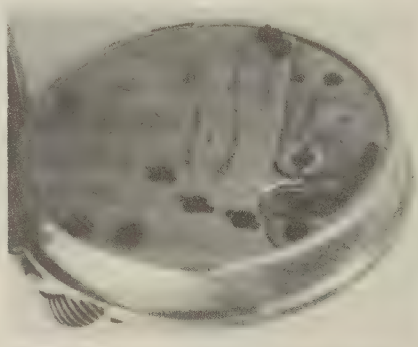
Grade or Name — Description	Avg	Ex-Fn	Mint
Chester, 7J, KW, gilded	$75	$95	$120

LANCASTER WATCH CO., 18 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Comet, 7J, NI	85	110	135
Delaware, 20J, ADJ, SW, gilded	150	225	300
Denver, 7J, gilded	60	90	125
Denver, 7J, gilded, Silveroid	40	50	65
Elderon, 7J	60	75	95
Ben Franklin, 7J, KW, gilded	175	225	275
Ben Franklin, 11J, KW, gilded	190	245	290
Fulton, 7J, ADJ, KW, gilded	125	155	185
Fulton, 11J, ADJ, KW, gilded	135	165	195
Girard, 15J, ADJ, gilded	100	125	165
Hoosac, 11J, OF	135	175	210
Keystone, 15J, ADJ, gilded, GJS	95	110	125
Keystone, 15J, ADJ, gilded, GJS, Silveroid	60	70	75
Lancaster, 7J, SW	55	60	70
Lancaster, 15J, SW, Silveroid	60	70	75
Lancaster, 15J, OF	100	125	150
Lancaster Pa., 20J, ADJ, NI	225	275	350
Lancaster Watch, 20J, DR, ADJ, NI, GJS, 14K HC	825	925	1,025
Malvern, 7J, gilded	65	75	95
Melrose, 15J, NI, ADJ, GJS	95	120	150



Example of a basic **Lancaster** movement, 18 size, 19 jewels, pendant set, serial number 1762.



Stevens Model, 18 size, 15 jewels, adjusted, dust proof model, swing-out movement, c. 1886.

Grade or Name — Description	Avg	Ex-Fn	Mint
Nation Standard American Watch Co., 7J, HC	200	225	250
New Era, 7J, gilded, KW	75	100	125
New Era, 7J, gilded, KW, Silveroid	40	60	75
Paoli, 7J, NI	50	65	85
Wm. Penn, 20J, ADJ, NI, dust proof	200	325	475
Radnor, 7J, gilded	65	75	85
Record, 7J, Silveroid	40	50	60
Record, 15J, NI	75	100	125
Ruby, 16J, NI	275	310	350
Sidney, 15J, NI	100	125	150
Stevens, 15J, ADJ, NI	150	175	200
West End, 19J, HC, KW, gilded	200	225	275
West End, 15J, HC, KW, KS	175	200	240
West End, 15J, SW	65	75	85
West End, 15J, SW, Silveroid	45	55	65

West End, 18 size, 15 jewels, key wind & set, serial number 158080, c. 1878.

Example of a basic **Lancaster** movement, 8-10 size, 15 jewels, serial number 317812.

8 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Flora, gilded	$75	$90	$125
Lady Penn, 20J, GJS, ADJ, NI	200	300	400
Lancaster W. Co., 7J	75	85	95

Manhattan Watch Co., Chronograph, 18-16 size, note two buttons on top; one sets hands, the other stops and starts watch, serial number 117480.

Manhattan Watch Co., 18-16 size, note one button at top for stopping and starting watch, serial number 63276.

MANHATTAN WATCH CO.
New York, New York
1883 — 1891

The Manhattan Watch Co. made low cost production watches mainly. A complete and full line of watches was made, and most were cased and styled to be sold as a com-

MANHATTAN WATCH CO. (continued)

plete watch. The watches were generally 16S with full plate movements. The patented winding mechanism was different. These watches were in both the hunter and open-face cases and later had a sweep second hand. Total production was 160,000 or more watches.

16 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
OF, with back wind ★	$150	$175	$200
OF, chronograph ★	125	150	175
7J, OF ★	50	60	75
7J, HC ★	95	110	125
Stallcup, 7J, OF ★	100	125	150

12 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
12S ★	$75	$95	$115

MANISTEE WATCH CO.

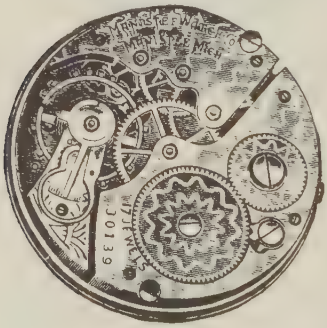
Manistee, Michigan

1908 — 1912

The Manistee watches, first marketed in 1909, were designed to compete with the low-cost production watches. Dials, jewels, and hairsprings were not produced at the factory. The first movement was 18S, 7J, and sold for about $5. Manistee also made 5J, 15J, 17J, and 21J watches in cheap cases in sizes 16 and 12. Estimated total production was 60,000. Most were sold by Star Watch Case Co.

18 TO 12 SIZE

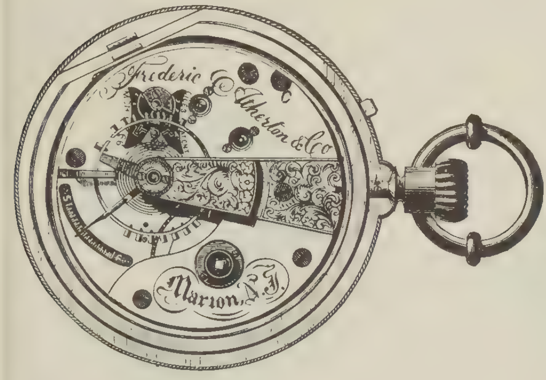
Grade or Name — Description	Avg	Ex-Fn	Mint
18S, 7J, HC ★	$95	$135	$170
16S, 7J, HC ★	125	150	180



Example of a basic **Manistee** movement, 16-18 size, 17 jewels, open face, three-quarter plate.

MANISTEE WATCH CO. (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
16S, 15J, Silveroid ★	85	125	145
16S, 7J, OF ★	125	140	160
16S, 15-17J, OF ★	175	225	275
16S, 19J, HC ★	185	250	285
16S, 21J, OF ★	200	275	350
12S, 15J ★	135	150	175



Example of a ***Frederick Atherton & Co.*** **movement, 18 size, 19 jewels, pin set. Note butterfly cut-out.**

MARION WATCH CO.
Marion, New Jersey
1873 — 1875

The Marion Watch Co. continued with most of the staff of the United States Watch Co., and many of the same movements were made. About 4,000 watches were produced during the two-year history of the company. Serial numbers begin at about 170,000.

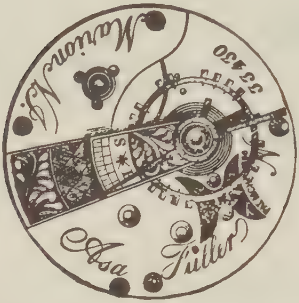
(Also see United States Watch Co., Marion, New Jersey.)

MARION
18 SIZE

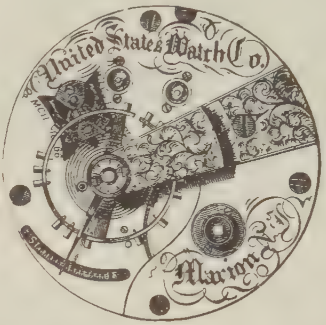
Grade or Name — Description	Avg	Ex-Fn	Mint
Wm. Alexander, 15J, KW/SW, HC	$275	$350	$425
Wm. Alexander, 15J, NI, KW	200	275	350
Wm. Alexander, 15J, NI, SW	225	300	375
Frederick Atherton & Co., 19J, NI, KW, GJS, HCIP	500	600	700
Frederick Atherton & Co., 19J, NI, SW, GJS, HCIP	700	800	900
Frederick Atherton & Co., 19J, gilded, KW, GJS, HCIP	400	500	600
Frederick Atherton & Co., 19J, gilded, SW, GJS, HCIP, HC	550	650	750
Frederick Atherton & Co., 19J, gilded, SW, GJS, HCIP OF	500	600	700
S. M. Beard, 15J, KW & SW, Silveroid	120	145	195
S. M. Beard, 15J, NI, KW or SW	200	230	275

MARION WATCH CO., 18 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
George Channing, 15J, gilded, KW	225	250	325
J. W. Deacon, 11J, gilded, SW or KW	175	215	275
Empire City Watch Co., 15J, NI, SW	275	300	350
Asa Fuller, 11J, gilded, SW or KW	175	215	275
Asa Fuller, 11J, gilded, SW or KW, Silveroid	110	135	180
Asa Fuller, 11J, gilded, SW or KW, Coin	150	190	250
John W. Lewis, 15J, NI, SW or KW	250	290	350
Marion Watch Co., 15J, gilded, KW, ADJ	400	525	695
Marion Watch Co., 15J, gilded, SW, ADJ	450	575	745



Asa Fuller, 18 size, 11 jewels, gilded, stem or key wind.


United States Watch Co.
Marion N.J.

United States Watch Co. on movement, **Marion Watch Co.** on dial, 18 size, 19 jewels, gold jewel settings, key wind and set.

Grade or Name — Description	Avg	Ex-Fn	Mint
Henry Randel, 15J, NI, KW, ADJ	250	285	310
Henry Randel, 15J, NI, SW, ADJ, OF	275	300	335
Henry Randel, 15J, NI, SW, ADJ, Coin	250	280	310
Henry Randel, 15J, NI, SW, HC	280	320	350
G. A. Read, 7J, Coin	150	170	200
G. A. Read, 7J, gilded, SW	175	200	275
G. A. Read, 7J, gilded, KW	165	200	265
Edwin Rollo, 15J, gilded, KW	150	170	200
Rural New Yorker, 15J, KW, KS	250	290	350
Rural New Yorker, 15J, KW, KS, Coin	225	265	325
Fayette Stratton, 15J, Coin	225	245	300
Fayette Stratton, 15J, gilded, KW	250	275	325
Fayette Stratton, 15J, gilded, SW	275	310	375
United States Watch Co., 19J, NI, GJS, HCIP, KW ★★	650	750	950
United States Watch Co., 19J, NI, GJS, HCIP, SW ★★★	895	1,000	1,200
United States Watch Co., 19J, NI, GJS, HCIP, SW, 18K, HC ★★★	1,495	1,600	1,800
A. H. Wallis, 17J, NI, HCIP, KW	300	335	400
A. H. Wallis, 17J, NI, HCIP, SW	350	380	425
A. H. Wallis, 17J, NI, HCI5P, Coin	280	300	380
I. H. Wright, 11J, gilded, KW, SW	195	225	250
Young America, 7J, gilded, KW or SW	150	180	250
Young America, 7J, gilded, KW or SW, Silveroid	125	170	225

14 OR 16 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
United States Watch Co., 19J, NI, HCIP, GJS	$1,000	$1,200	$1,400

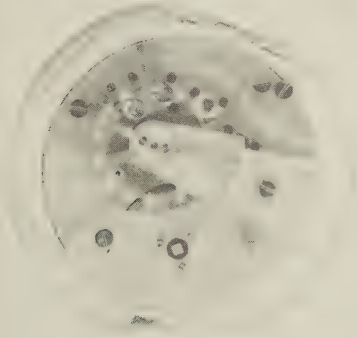
10 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Chas. G. Knapp, 15J, Coin	$100	$130	$175
Chas. G. Knapp, 15J, gilded	110	135	185
R. F. Pratt, 15J, gilded	110	135	185
United States Watch Co., 19J, GJS, KW, NI	350	450	600
United States Watch Co., 19J, GJS, SW, NI	425	535	675

McINTYRE WATCH CO.
Kankakee, Illinois
1905 — 1911

This company probably bought the factory from Kankakee Watch Co. A few watches were made. Estimated total production was about ten watches.

Grade or Name — Description		Avg	Ex-Fn	Mint
16S, 21J, BRG, NI, WI	★★★	$1,300	$1,550	$1,800
16S, 23J, BRG, NI, WI	★★★	2,000	2,400	3,000
12S, 19J, BRG	★★★	650	800	950



Example of a basic **Melrose Watch Co.** movement, 18 size, 15 jewels, key wind & set.

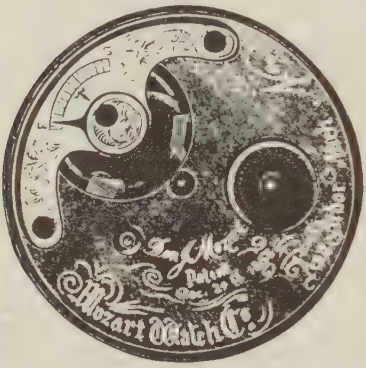
MELROSE WATCH CO.
Melrose, Massachusetts
1866 — 1868

Melrose Watch Co. began as Tremont Watch Co. and imported the expansion balances and escapements. Dials were made first by Mr. Gold and Mr. Spear, then later

MELROSE WATCH CO. (continued)

by Mr. Hull and Mr. Carpenter. Tremont had hoped to produce 600 sets of trains per month. They were 18S, key wind, fully jeweled movements and were engraved "Tremont Watch Co." In 1866 the company moved, changed its name to Melrose Watch Co., and started making complete watch movements, including a new style 18S movement engraved "Melrose Watch Co." About 3,000 were produced. Some watches are found with "Melrose" on the dial and "Tremont" on the movement. Serial numbers start at about 30,000.

Grade or Name — Description		Avg	Ex-Fn	Mint
18S, 7J, KW, KS	★★	$250	$285	$320
18S, 11J, KW, KS, OF	★★	300	335	400
18S, 15J, KW, KS	★★	375	400	475
18S, 15J, KW, KS, Silveroid	★★	300	325	375



Example of a basic **Mozart Watch Co.** movement, 18 size, three-quarter plate, key wind & set, three-wheel train, "Patent Dec. 24th, 1868" engraved on back plate.

MOZART WATCH CO.
Providence, Rhode Island
Ann Arbor, Michigan
1864 — 1870

In 1864 Don J. Mozart started out to produce a less expensive three-wheel watch in Providence, R. I. Despite his best efforts, the venture was declared a failure by 1866. Mozart left Providence and moved to Ann Arbor, Mich. There, again, he started on a three-wheel watch and succeeded in producing thirty. The three-wheel watch was not a new idea except to American manufacturers. Three-wheel watches were made many decades before Mozart's first effort, but credit for the first American-made three-wheel watch must go to him. The size was about 18 and could be called a ¾ or full plate movement. The balance bridge was screwed on the top plate, as was customary. The round bridge partially covered the opening in the top plate and was just large enough for the balance to oscillate. The balance was compensated and somewhat smaller than the usual diameter. Mozart called it a chronolever, and it was to function so perfectly it would be free from friction. That sounded good but was in no way true. The watch was of the usual thickness of the American watches of 18S. The train had a main wheel with the usual number of teeth and a ten-leaf center pinion, but it had a large center wheel of 108 teeth and a third wheel of 90 teeth, with a six-leaf third (escape) pinion. The escape wheel had 30 teeth and received its impulse directly from the roller on the staff, while

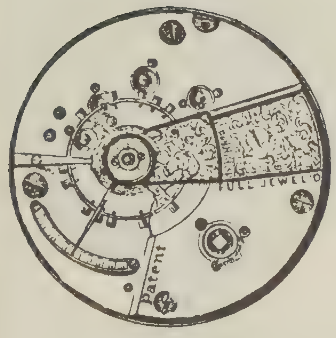
MOZART WATCH CO. (continued)

the escape tooth locked on the intermediate lever pallet. The escape pinion had a long pivot that carried the second hand, which made a circuit of the dial, once in 12 seconds. The total number of Mozart watches produced was 165, and about 30 of these were the three-wheel type.

Grade or Name — Description	Avg	Ex-Fn	Mint
18S, ¾, KW, KS, 3-wheel ★★★	$11,000	$15,000	$20,000
18S, ¾, KW, KS ★★	4,500	6,500	7,500

NASHUA WATCH CO.
Nashua, New Hampshire
1859 — 1862

(See American Watch Company for Prices)



Example of a basic **Newark Watch Co.** movement, 18 size, 7-15 jewels, key wind & set.

NEWARK WATCH CO.
Newark, New Jersey
1864 — 1870

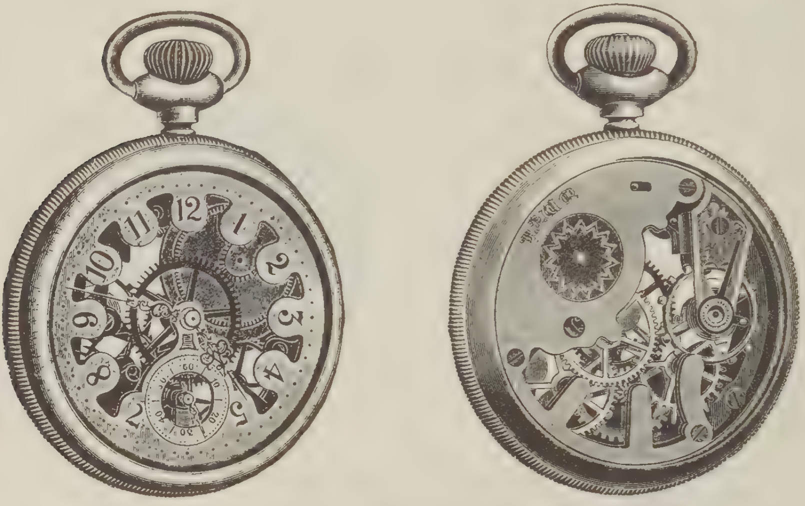
Arthur Wadsworth, one of the designers for Newark Watch Co., patented an 18 Size full plate movement. The first movements reached the market in 1867. This company produced only about 4,000 watches before it was sold to the Cornell Watch Co.

The Chronology of the Development of Newark Watch Co.:
Newark Watch Co. 1864-1870; S#s 6,901 to 12,000;
Cornell Watch Co., Chicago, Ill. 1870-1874; S#s 12,001 to 25,000;
Cornell Watch Co., San Francisco, Calif. 1874-Jan. 1876; S#s 25,001 to 35,000;
California Watch Co., Jan. 1876-mid 1876.

Grade or Name — Description	Avg	Ex-Fn	Mint
18S, 15J, KW, KS, HC ★★	$275	$350	$425

NEWARK WATCH CO. (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
18S, 15J, KW, KS, OF ★★	250	325	400
18S, 7J, KW, KS ★★	200	285	360
J. C. Adams, 11J, KW, KS ★★	275	350	375
J. C. Adams, 11J, KW, KS, Coin ★★	250	325	350
Edward Biven, 15J, KW, KS ★★	205	240	295
Robert Fellow, KW, KS ★★	350	450	550
Newark Watch Co., 7-15J, KW, KS ★★	275	350	425
Arthur Wadsworth, SW ★★	275	320	375
Arthur Wadsworth, 18S, 15J, 18K, HC ("Arthur Wadsworth, New York" on dial; "Keyless Watch, Patent June 19, 1866" engraved on movement) ★★	1,800	2,100	2,500



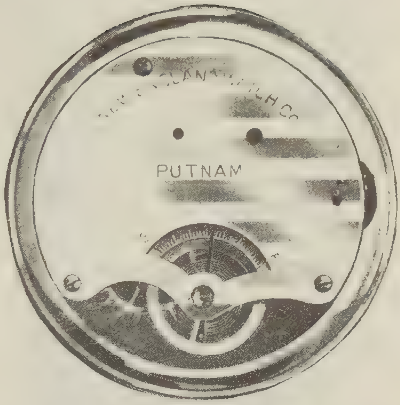
Front and back view of a skeletonized **New England Watch Co.** movement. This watch is fitted with a glass back and front, making the entire movement and wheels visible, 4 jewels, silver hands, black numbers, originally sold for $10-13.

NEW ENGLAND WATCH CO.
Waterbury, Connecticut
1898 — 1914

The New England Watch Co., formerly the Waterbury Watch Co., made a watch with a duplex escapement, gilt, 16S, open faced. Watches with the skeletonized movement are very desirable. The company later became Timex Watch Co.

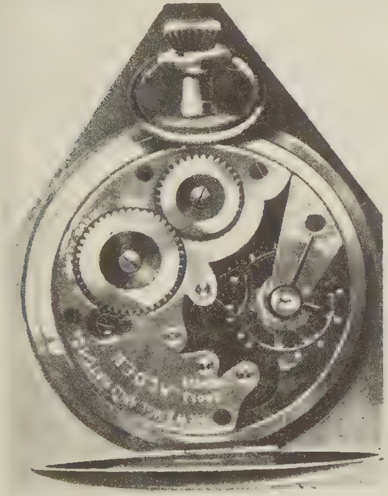
Grade or Name — Description	Avg	Ex-Fn	Mint
16S, OF, duplex, skeleton, good running order ★★	$175	$225	$300
12S, 16S, 18S, OF, pictures on dial: ladies, dogs, horses, trains, flags, ships, cards, etc.	100	125	150
12S, 16S, 18S, OF, duplex escapement, good running order	40	60	90
12S, 16S, 18S, OF, pin lever escapement, good running order	15	25	45

Example of a **New England Watch Co.** movement, 18-12 size, three-quarter plate, one finger bridge, non jeweled.



Example of a **New England Watch Co.** movement, 18 size, open face. Note the duplex escapement.

Grade or Name — Description	Avg	Ex-Fn	Mint
6S, Duplex	50	75	95
6S, Jockey Duplex	55	65	75
Alden, 16S	35	45	55
Addison	35	45	55
Avour, 0S, duplex escapement	35	45	55
Cadish, duplex escapement	35	45	55
Cavour, 3/0S	45	65	85
Columbian	15	20	30
Cruiser, 16S, Duplex	45	55	69
Dan Patch, 7J ★★	200	240	275
Dan Patch, 17J ★★	300	375	450
Excelsor, 0S, 7J	65	75	95

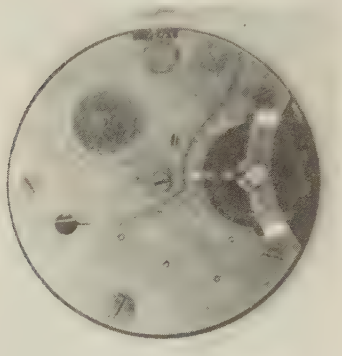


Alden Model, 16 size, 7 jewels, three-quarter plate.

Example of a **New England Watch Co.** movement, 18 size, open face, three-quarter plate, pin lever escapement.

NEW ENGLAND WATCH CO. (continued)

Grade or Name — Description	**Avg**	**Ex-Fn**	**Mint**
Gabour, 0S	65	75	85
Oxford	15	20	30
Padishah Duplex	45	55	65
Putnam	65	75	85
Rugby	65	75	85
Scout	40	45	55
Senator, duplex escapement	40	45	55
Trump, 18S, Duplex	15	20	30
Tuxedo	15	25	35



Example of a **New Haven** movement, stem wind.

Example of a **New Haven** movement, stem wind, patented Sept., 25th, 1899; Jan., 23rd, 1900.

NEW HAVEN CLOCK AND WATCH CO.
New Haven, Connecticut
1853 — 1956

The company started making watches in early 1880 in New Haven and produced the regular 16S, lever watch. These sold for $3.75. The company soon reached a production of about 200 watches per day, making a total of some 40 million watches.

Grade or Name — Description	**Avg**	**Ex-Fn**	**Mint**
Always Right	$30	$35	$40
Beardsley—Radiant	35	40	45
Buddy	30	35	40
Bull Dog	30	35	40
Buster Brown	40	50	60
Captain Scout	30	35	48
Chronometer	30	35	40
Elite	20	25	30
Football Timer	35	45	50
Ford Special	50	60	75
Hamilton	30	35	40
Handy Andy	35	40	45
Jerome USA	30	35	40
Kaiser Wilhelm ★	100	150	175

Example of **Kaiser Wilhelm.**

Example of **Lone Ranger.**

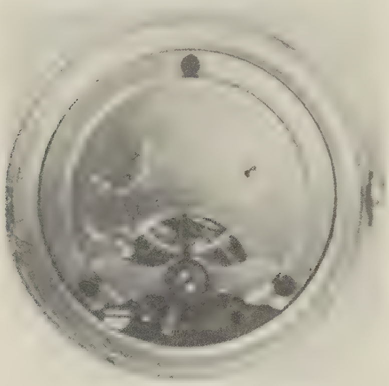
Grade or Name — Description	Avg	Ex-Fn	Mint
Kermit	35	40	45
Laddie	20	25	35
Leonard Watch Co.	15	20	35
Leonard	20	25	30
Lone Ranger	85	100	150
Mastercraft Rayolite	30	35	40
Miracle	20	25	30
Nehi	35	40	65
New Haven, pin lever, SW	25	30	40
New Haven, back wind	45	50	60
Panama Official Souvenir, 1915	150	195	300
Pastor Stop Watch	50	60	75
Peter Pan	35	40	50
Popeye & Wimpy ★★	150	175	250
Sports Timer	50	60	75
Surity	10	15	20
Tip Top	10	15	25
Tip Top Jr.	10	15	25
Tommy Ticker	25	30	35
Traveler, with travel case	30	40	50
True Time Teller Tip Top	35	40	50
USA	25	30	35

NEW HAVEN WATCH CO.
New Haven, Connecticut
1883 — 1887

This company was organized October 16, 1883 with the intention of producing W. E. Doolittle's patented watch; however, this plan was soon abandoned. They did produce a ''Model A'' watch, the first reaching the market in the spring of 1884. Batch or lot numbers were used instead of serial numbers, and watches can be found bearing the same batch number. Estimated total production was 2,000 to 3,000. The original capital became absorbed by Trenton Watch Company.

NEW HAVEN WATCH CO. (continued)

Grade or Name — Description		Avg	Ex-Fn	Mint
"A" Model, about 18S	★★★	$200	$275	$325

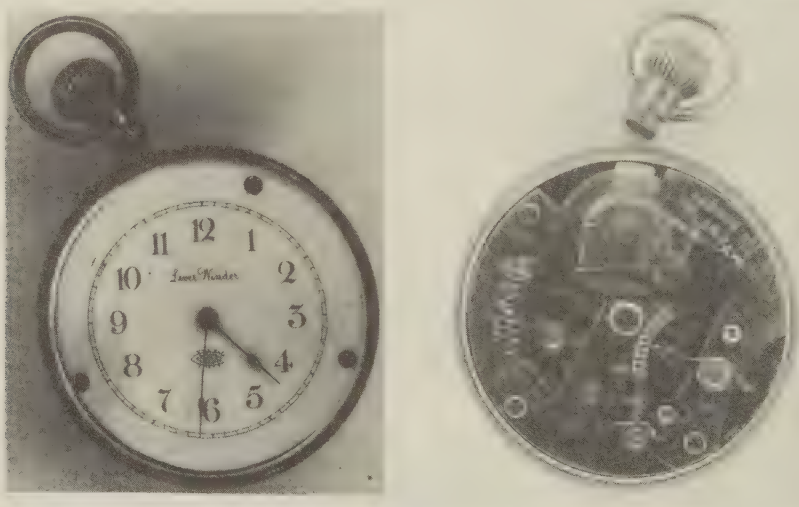


Example of a basic **New Haven Watch Co.** movement with batch or lot number 65. Note this is not a serial number.

NEW YORK WATCH CO.
&
NEW YORK CITY WATCH CO.
New York, New York
1890 — 1897

This company manufactured the Dollar-type watches, which had the pendant-type crank. The patent number 526,871, dated October 1894, was held by S. Schisgall.

Grade or Name — Description		Avg	Ex-Fn	Mint
20S, no jewels, good running order	★★★	$250	$335	$435



New York City Watch Co., 20 size, "Lever Winder" on dial. This watch is wound by cranking the pendant, pin lever escapement, patent number 526871.

NEW YORK CHRONOGRAPH WATCH CO.

New York, New York

1883 — ?

This company sold about 18,000 watches marked "New York Chronograph Watch Co," manufactured by Manhattan Watch Co. They used a sweep second hand.

Grade or Name — Description	Avg	Ex-Fn	Mint
18S, 7J, OF	$50	$75	$125
16S, 7J, SW, OF ★	60	80	100
16S, 9J, SW, OF ★	75	95	135
16S, 9J, SW, OF, Silveroid	55	65	75

NEW YORK STANDARD WATCH CO.

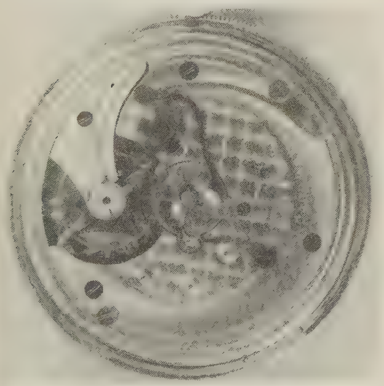
Jersey City, New Jersey

1885 — 1929

The first watch reached the market in early 1888 and was a 18S. The most interesting feature was the escapement which was a straight line lever with a "worm gear escapement." This was patented by R. J. Clay. All watches were quick train and open-faced. The company also made its own cases and sold a complete watch. A prefix number was added to the serial number after the first 10,000 watches were made. Estimated total production was 70,000,000.

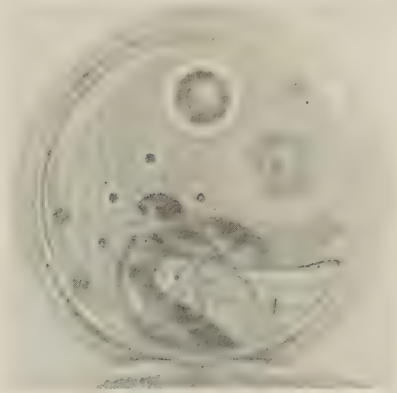
N. Y. STANDARD
16 AND 18 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
18S, 7J, N. Y. Standard, KW, KS	$175	$225	$300
18S, 7J, N. Y. Standard, SW	45	60	75

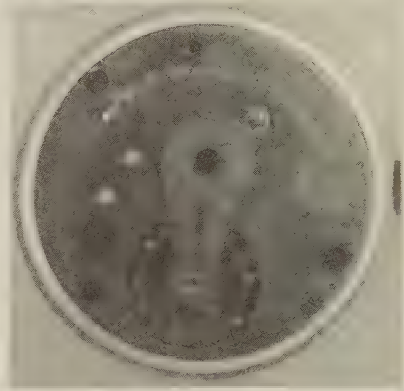


Chronograph, 16-18 size, 7 jewels, stem wind, second hand stop and fly back, three-quarter plate, serial number 5334322.

Example of a basic **New York Standard** movement, 18 size, 7 jewels, stem wind, serial number 296893.



Remington W. Co. (marked on movement & case), 16 size, 11 jewels, 2-tone damaskeening, serial number CC021331.



New York Standard, with worm gear (located under cut-out star), 18 size, 7 jewels, serial number 31138.

Grade or Name — Description	Avg	Ex-Fn	Mint
18S, 15J, N. Y. Standard, SW, LS, HC	75	90	100
Chronograph, 7J, ¾, NI, DMK, SW, second hand stop, and fly back	125	150	175
Chronograph, 15J, same as above	150	175	200
Columbus, 7J	45	60	75
Crown W. Co., 7J, OF or HC	35	50	65
Dan Patch, 7J, stop watch ★	200	240	275
Edgemere, 7J, OF & HC	35	40	60
Excelsior, 7J, OF or HC	35	45	55
Hi Grade	25	35	45
Ideal	25	35	45
New Era, 7J, OF or HC, (Poor Man's Dudley)	35	50	65
New York Standard W. Co., 11J, ¾	45	50	65
New York Standard, 7J, ¾	35	40	45
New York Standard, 15J, BRG	45	55	65
New York Standard, with worm gear ★★	400	500	650
Pan American, 7J, OF	35	40	60
Perfection, 7J, OF or HC	35	45	55
Perfection, 15J, OF or HC, NI	55	65	75
Remington W. Co., 11J, marked mvt. & case	75	95	115
Solar W. Co., 7J	45	55	65
18S Tribune USA, 23J, HC or OF, Pat. Reg. Adj.	80	95	135
Wilmington	25	35	45

Note: For watches with O'Hara Multi-Color Dials, add $35 to value.

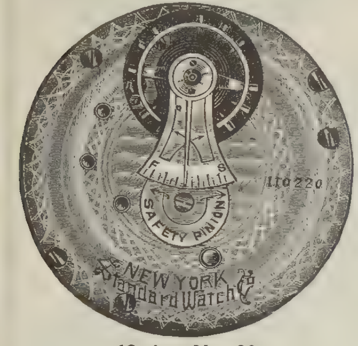
12 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
N. Y. Standard, 7J, OF	$25	$35	$45
N. Y. Standard, 7J, HC, Multi-Color dial	75	95	120

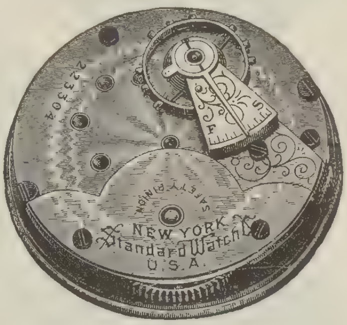
NEW YORK STANDARD WATCH CO. (continued)

6 SIZE AND 0 SIZE

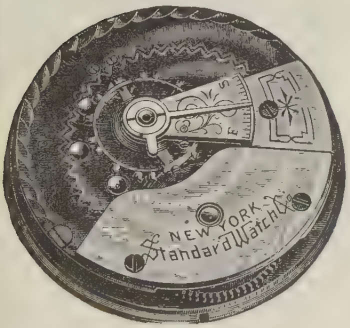
Grade or Name — Description	Avg	Ex-Fn	Mint
Empire State W. Co., 7J	$45	$55	$75
Standard USA, 7J	35	45	55
6S, Columbia, 7J, HC	60	70	80
6S N. Y. Standard, 7J, HC	55	75	95
6S, Orient, SW	35	45	60
6S, Progress, 7J, YGF	40	60	75
0S, Ideal, 7J, HC	50	60	70
0S, N. Y. Standard, 7J, HC	65	75	85


F
S
110220
SAFETY PINION
NEW YORK
Standard Watch Co

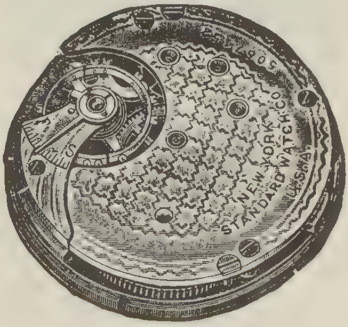
18 size, No. 30


223304
F
S
SAFETY PINION
NEW YORK
Standard Watch Co
U.S.A.

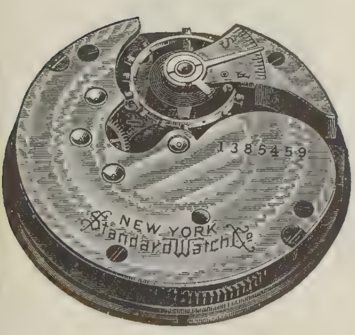
18 size, No. 34


S
F
NEW YORK
Standard Watch Co

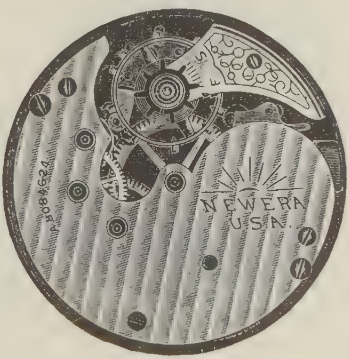
18 size, No. 80


NEW YORK STANDARD WATCH CO.
U.S.A.

18 size, No. 64

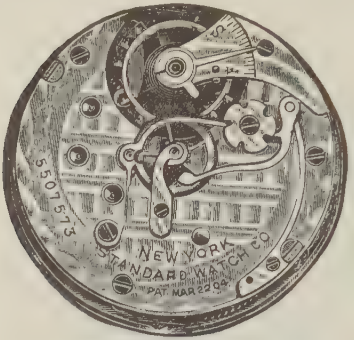

S
F
1385459
NEW YORK
Standard Watch Co

18 size, No. 360

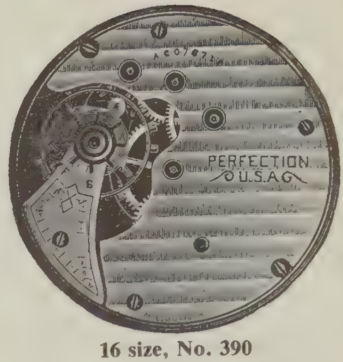

S
F
NEW ERA
U.S.A.

18 size, No. 60

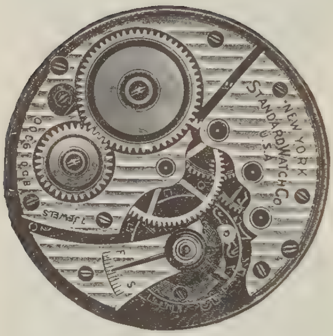
NEW YORK STANDARD WATCH CO. (continued)


NEW YORK
STANDARD WATCH CO
PAT. MAR 22 94
5507573

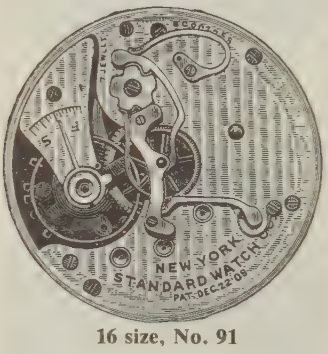
18 size, No. 165


PERFECTION
U.S.A.

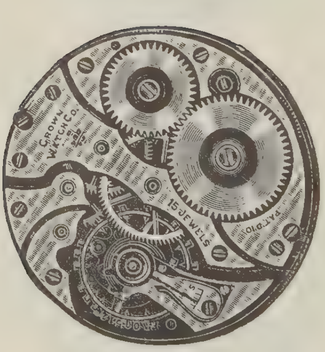
16 size, No. 390


NEW YORK
STANDARD WATCH CO
U.S.A
7 JEWELS

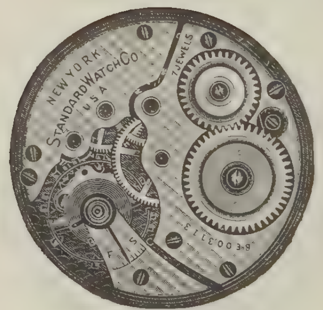
16 size, No. 94


7 JEWELS
NEW YORK
STANDARD WATCH CO
PAT. DEC. 22 08

16 size, No. 91

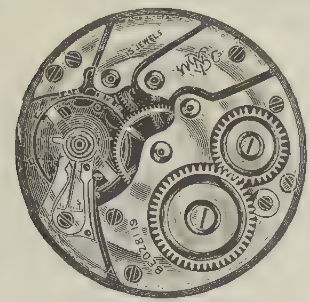

CROWN
WATCH CO.
15 JEWELS

16 size, No. 1516

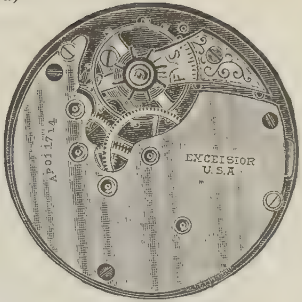

NEW YORK
STANDARD WATCH CO
U.S.A
7 JEWELS

12 size, No. 170

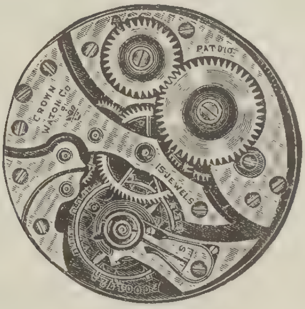
NEW YORK STANDARD WATCH CO. (continued)



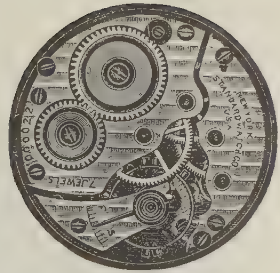
12 size, No. 1570


AP011714
EXCELSIOR
U.S.A

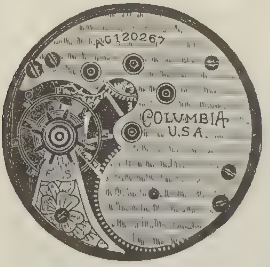
12 size, No. 370


CROWN WATCH CO
PAT'D 10
15 JEWELS

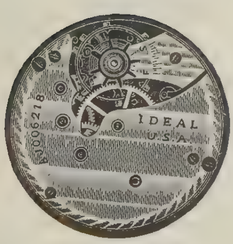
12 size, No. 1512


NEW YORK STANDARD WATCH CO U.S.A
7 JEWELS

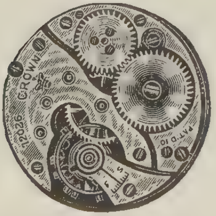
6 size, No. 146


AG120267
COLUMBIA
U.S.A.

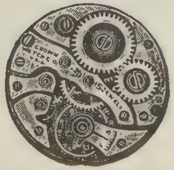
6 size, No. 44



0 size, No. 300


CROWN
PAT'D 10

3/0 size, No. 730


CROWN WATCH CO

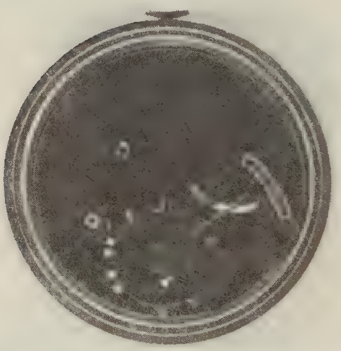
10/0 size, No. 1015

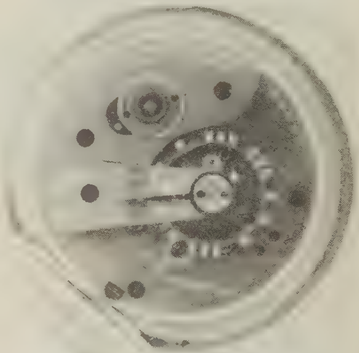
NEW YORK WATCH CO.
Springfield, Massachusetts
1866 — 1876

The New York Watch Co. had a rather difficult time getting started in business. The name of the company was changed from the Mozart Watch Co. to the New York Watch Co., and it was located in Rhode Island. Before any watches had been produced, the factory was moved to Springfield, Mass., in 1867. A factory was built there, but before any watches were made a fire occurred on April 23, 1870. About 100 watches were produced during that year. Shortly after the fire, in 1870, a newly-designed watch was introduced. The first movements reached the market in 1871, and the first grade was a fully-jeweled adjusted movement called "Frederick Billings." The standard 18S and the Swiss Ligne systems were both used in gauging the size of these watches. The New York Watch Co. used full signatures on its movements. The doors closed in the summer of 1876.

In January 1877, the Hampden Watch Co. was organized and commenced active operation in June 1877.

Chronology of the Development of New York Watch Co.:
The Mozart Watch Co., Providence, R. I. — 1864-1866
New York Watch Co., Providence, R. I. — 1866-1867
New York Watch Co., Springfield, Mass. — 1867-1875
New York Watch Mfg. Co., Springfield, Mass. — 1875-1876
Hampden Watch Co., Springfield, Mass. — 1877-1886
Hampden-Dueber Watch Co., Springfield, Mass. — 1886-1888
Hampden Watch Co., Canton, Ohio — 1888-1923
Dueber Watch Co., Canton, Ohio — 1888-1923
Dueber-Hampden Watch Co., Canton, Ohio — 1923-1931
Amtorg, U.S.S.R. — 1930-

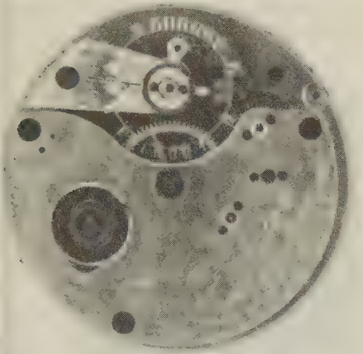

E.W. Bond, 18 size, 15 jewels, three-quarter plate, adjusted, believed to be completed by Hampden Watch Co., serial number B9072.


Chas. E. Hayward, 18 size, 15 jewels, key wind & set, serial number 18733.

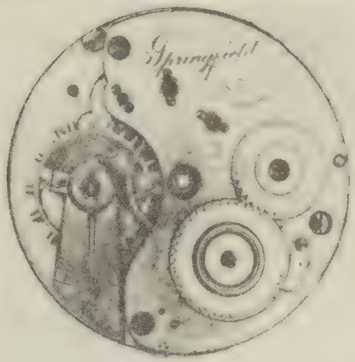
N. Y. W. SPRINGFIELD
18 TO 20 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Aaron Bagg, 7J, KW, KS	$125	$150	$175

NEW YORK WATCH CO., SPRINGFIELD, 18-20 SIZE (continued)

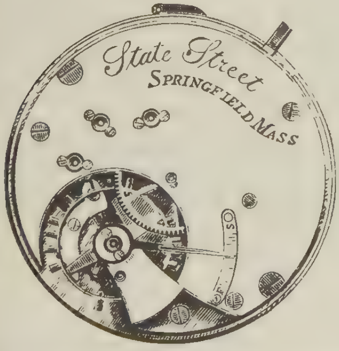


.G. Norton, 18 size, 15 jewels, three-quarter plate, old escape wheel, serial number 6592.

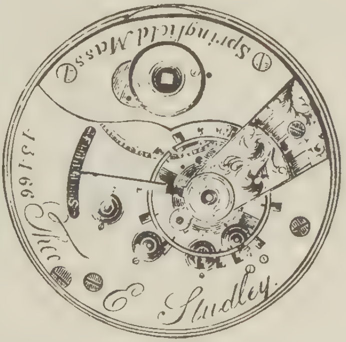


New York Watch Co., 18 size, 7-11 jewels, three-quarter plate, key wind & set, note wolf teeth winding.

Grade or Name — Description	Avg	Ex-Fn	Mint
Frederick Billings, 15J, KW, KS	175	200	225
E. W. Bond, 15J, ¾ ★	575	675	795
J. A. Briggs, 11J, KW, KS, from back	170	220	275
Albert Clark, 15J, KW, KS, from back, ¾ ★	225	265	300
Homer Foot, 15J, KW, KS, from back, ¾ ★	225	265	300
Herman Gerz, 11J, KW, KS	85	155	195
John Hancock, 7J, KW, KS	85	120	150
John Hancock, 7J, KW, KS, Silveroid	75	100	130
John Hancock, 7J, KW, KS, Coin	85	120	150
Chas. E. Hayward, 15J, KW, KS	225	250	295
Chas. E. Hayward, 15J, KW, KS, Coin	200	225	270
John L. King, 15J, KW, KS, from back, ¾ ★	265	300	350
New York Watch Co., 7J, KW, KS	150	170	195
New York Watch Co., 7-11J, KW, KS, (Serial Nos. below 75)	1,300	1,500	1,700
New York Watch Co., 7-11J, KW, KS, Wolf's Teeth winding ★★	700	850	1,000
New York Watch Co., 11J, KW, KS	145	170	210
H. G. Norton, 15J, KW, KS, from back, ¾ ★	225	250	275
J. C. Perry, 15J	150	185	225
J. C. Perry, 15J, Silveroid	140	175	215



State Street movement, 18 size, 11 jewels, three-quarter plate.

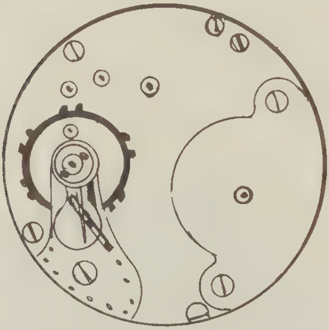


Theo E. Studley movement, 18 size, 15 jewels, key wind & set, full plate.

NEW YORK WATCH CO., SPRINGFIELD, 18-20 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Railway, 15J, KW, Coin	165	195	225
Railway, 15J, KW, KS, FULL	175	210	250
Geo. Sam Rice, 7J, KW, KS	175	200	225
Springfield, 19J, KW, KS, from back, ADJ, Wolfsteeth wind ★★	1,300	1,400	1,550
State Street, 11J, ¾, SW ★	95	125	160
State Street, 11J, ¾, SW, Silveroid	85	115	150
Theo E. Studley, 15J, KW, Coin	140	190	215
Theo E. Studley, 15J, KW, KS	150	180	225
George Walker, 17J, KW, ¾, ADJ	275	300	345
Chester Woolworth, 15J, KW, KS	175	190	225
Chester Woolworth, 11J, KW, KS	160	180	220
Chester Woolworth, 11J, KW, KS, Silveroid	150	160	200
Chester Woolworth, 11J, KW, KS, ADJ	175	195	250
#4, 15J, ADJ, KW, KS	110	130	150
#5, 15J, KW, KS	95	110	125
#6, 11J, KW, KS	75	85	95
#6, 11J, KW, KS, Silveroid	65	75	85

NOTE: Some KW, KS watches made by the New York Watch Co. have a hidden key. If you unscrew the crown, and the crown comes out as a key, add $100 to the listed value.



Example of a basic **Otay Watch Co.** movement, 18 size, 15 jewels, nickel, hunting or open face, lever set.

OTAY WATCH CO.
Otay, California
1889 — 1894

This company produced about 1,000 watches with a serial number range of 1,000 to 1,500 and 30,000 to 31,000. The company was purchased by a Japanese manufacturer in 1894. Names on Otay movements include: Golden Gate, F. A. Kimball, Native Sun, Overland Mail, R. D. Perry, and P. H. Wheeler.

18 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
California, 15J, LS, HC, NI ★★	$2,000	$2,200	$2,400

Grade or Name — Description		Avg	Ex-Fn	Mint
Golden Gate, 15J, LS, HC, OF, NI	★★	2,000	2,200	2,400
F. A. Kimball, 15J, LS, HC, Gilt	★★	950	1,050	1,150
Native Son, 15J, LS, HC, NI	★★	2,200	2,400	2,600
Overland Rail, 15J, LS, HC, NI	★★	2,400	2,600	2,800
R. D. Perry, 15J, LS, HC, Gilt	★★	1,000	1,200	1,400
P. H. Wheeler, 15J, LS, HC, Gilt	★★	950	1,050	1,150

D.D. Palmer Watch Co., 18 size, 15 jewels, "Palmer's Pat. Stem Winder" on movement, serial number 1007.

D. D. PALMER WATCH CO.
Waltham, Massachusetts
1864 — 1875

In 1858, at age 20, Mr. Palmer opened a small jewelry store in Waltham, Mass. Here he became interested in pocket chronometers. At first he bought the balance and jewels from Swiss manufacturers. In 1864 he took a position with the American Watch Co. and made the chronometers in his spare time (only about 25 produced). They were 18S, ¾ plate, gilded, key wind, and some were nickel. At first they were fusee driven, but he mainly used going barrels. About 1870, Palmer started making lever watches and by 1875 he left the American Watch Co. and started making a 10S keywind, gilded-movement, and a 16S, ¾ plate, gilt and nickel, and a stem wind of his own invention (a vibrating crown wheel). In all he made about 1,500 watches. The signature appearing on the watches was "Palmer W. Co. Wal., Mass."

He basically had three grades of watches: Fine—Solid Nickel; Medium—Nickel Plated; and Medium—Gold Gilt. They were made in open-face and hunter cases.

Grade or Name — Description		Avg	Ex-Fn	Mint
18S, 15-17J, ¾ Plate, KW, Chronometer	★★★	$4,000	$4,500	$5,000
16S, 17J, NI, OF	★★	1,200	1,400	1,600

PEORIA WATCH CO.

Peoria, Illinois

1885 — 1895

The roots of this company began with the Independent Watch Co. (1880-1883). These watches marked "Marion" and "Mark Twain" were made by the Fredonia Watch Co. (1883-1885). Peoria Watch Co. opened Dec. 19, 1885, and made one model of railroad watch in 1887. They were 18S, quick train, 15 and 17 jewel. These watches are hard to find, as only about 3,000 were made. Peoria also made railroad watches for A. C. Smith's Non-Magnetic Watch Co. of America from 1884-1888. The 18S watches were full plate, adjusted, and had whiplash regulator.

The Peoria Watch Co. closed in 1889, having produced about 47,000 watches.

Peoria Watch Co., 18 size, 15 jewels, lever set, "Made for Railway Service" on movement, serial number 17548.

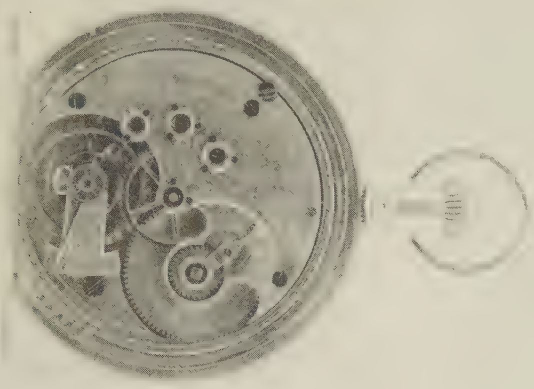
Grade or Name — Description	Avg	Ex-Fn	Mint
18S, 15J, KW	$175	$225	$275
18S, Peoria W. Co., 15J, SW	165	200	255
18S, Peoria W. Co., 15J, SW, Coin	150	165	200
18S, Peoria W. Co., 11J, SW	150	165	195
18S, Anti-Magnetic, 15-17J	185	220	275
18S, Non-Magnetic Watch Co. of America, 15J, NI, GJS, HCI5P	125	175	250
18S, Non-Magnetic Watch Co. of America, 17J, NI, GJS, HCI5P	150	200	295
18S, Made for Railway Service, 15J, NI, GJS, HCI5P	225	250	275
18S, Made for Railway Service, 17J, NI, GJS, HCI5P	250	275	350

PHILADELPHIA WATCH CO.

Philadelphia, Pennsylvania

1874 — 1886

Eugene Paulus organized the Philadelphia Watch Co. about 1874. Some or all the parts may have been made in Europe. Estimated total production of the company is 12,000 watches.



Philadelphia Watch Co., 16 size, 15 jewels, gold jeweled settings, hunting case model, "Paulus Patents 1868, Aug. 25th, Nov. 3rd" on movement, serial number 5751.

Grade or Name — Description		Avg	Ex-Fn	Mint
18S, 15J, KW, KS	★	$275	$325	$400
18S, 15J, SW, OF	★	325	400	490
18S, HC, KW, KS, 18K case	★	950	1,100	1,350
18S, HC, KW, KS, Silveroid	★	145	165	195
16S, 15J, KW, KS	★	155	185	210
16S, 19J, KW, KS, GJS	★	375	475	575
6S, 11J, HC	★	150	175	200
6S, 15J, HC	★	160	180	220
6S, Paulus, 19J, KW, KS	★	225	300	375
000S, 7J, HC, PS	★	125	150	175

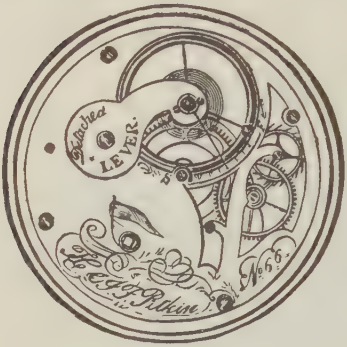
JAMES & HENRY PITKIN
Hartford, Connecticut
New York, New York
1838 — 1852

Henry Pitkin was the first to attempt the manufacture of watches by machinery. The machines were of Pitkin's original design and very crude, but he had some brilliant ideas. His first four workers were paid $30 a year plus their board. After much hardship, the first watches were produced in the fall of 1838. The watches had going barrels, not the fusee and chain, and the American flag was engraved on the plates to denote they were American made and to exemplify the true spirit of American independence in watchmaking.

The first 50 watches were stamped with the name "Henry Pitkin." Others bore the firm name "H & J F Pitkin." The movements were about 16S and ¾ plate. The plates were rolled brass and stamped out with dies. The pinions were lantern style with tight leaves. The movement had a slow train of 14,400 beats per hour. Pitkin's first plan was to make the ends of the pinions conical and let them run in the ends of hardened steel screws, similar to the Marine clock balances. A large brass setting was put in the plates and extended above the surface. Three screws with small jewels set in their ends were inserted so that they closed about the pivot with very small end shake. This proved to be

JAMES & HENRY PITKIN (continued)

too expensive and was used in only a few movements. Next, he tried to make standard type movements extend above the plates with the end shake controlled by means of a screw running down into the end of the pivots, reducing friction. This "capped jewel train" was used for a while before he adopted the standard ways of jeweling. The escape wheels were the star type, English style. The balance was made of gold and steel. These movements were fire gilded and not interchangeable. The dials, hands, mainsprings and hairsprings were imported. The rounded pallets were manufactured by Pitkin, and the cases for his watches were made on the premises. As many as 900 watches could have been made by Pitkin.



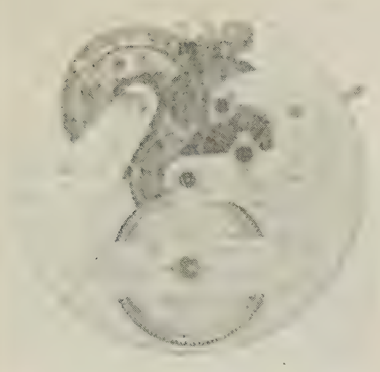
Example of a basic **Henry Pitkin** movement, 16 size, key wind & set.

Grade or Name — Description	Avg	Ex-Fn	Mint
Henry Pitkin S#1-50 ★★★	$25,000	$32,000	$40,000
H. & J. F. Pitkin & Co., S#50-377 ★★	18,000	21,000	25,000
Pitkin & Co., New York, S#378-up ★★	14,000	16,000	18,000
W. Pitkin, Hartford, Conn., S# approx. 40,000, fusee lever, KW, Coin ★★	450	500	600

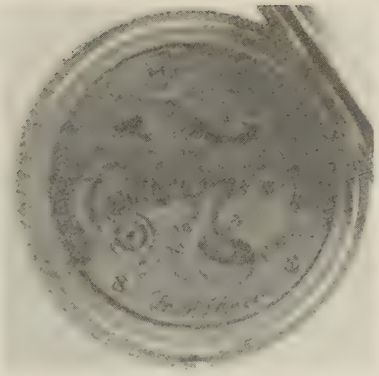
ALBERT H. POTTER WATCH CO.
New York, New York
1855 — 1875

Albert Potter started his apprenticeship in 1852. After this he moved to New York to take up watchmaking on his own. He made about 35 watches in all that sold for $225 to $350. Some were chronometers, some were lever escapements, key wind, gilded movements, some were fusee driven, both bridge and ¾ plate. Potter was a contemporary of Charles Fasoldt and John Mulford, both horological inventors from Albany, N. Y. Potter moved to Cuba in 1861 but came back to New York in 1868. In 1872 he worked in Chicago and formed the Potter Brothers Company with his brother William. He moved to Geneva about 1876. His company produced a total of about 600 watches, but only about 40 of those were made in the U. S.

Grade or Name — Description	Avg	Ex-Fn	Mint
18S, BRG lever, Chronometer ★★★	$10,500	$12,000	$14,000
18S, BRG lever with wind indicator ★★★	5,000	6,500	7,500



Albert H. Potter Watch Co., Chronometer, 18 size, key wind & set, nickel movement, hand made.



George P. Reed, 16 size, lever set, key wind, high grade movement.

GEORGE P. REED
Boston, Massachusetts
1865 — 1885

In 1854, George P. Reed entered the employment of Dennison, Howard and Davis, in Roxbury, Mass., and moved with the company to Waltham, Mass. Here he was placed in charge of the pinion finishing room. While there he invented and received a patent for the mainspring barrel and main timing power combination. This patent was dated February 18, 1857. Reed returned to Roxbury with Howard who purchased his patented barrel. He stayed with the Howard factory until 1865 as foreman and adjuster, after which time he left for Boston to start his own account.

He obtained a patent on April 7, 1868, for an improved chronometer escapement which featured simplified construction. He made about 100 chronometers with his improved escapement, to which he added a stem-wind device. His company turned out about 100 watches the first three years. Most, if not all, of his watches run for two days and have up and down indicators on the dial. They are both 18S and 16S, ¾ plate, nickel, and are artistically designed. Reed experimented with various combinations of lever and chronometer escapements. One such watch was a rotary watch he made in 1862 and called the "Monitor." It was the first rotary watch made in America. In all, Reed made a total of about 800 watches, and these are valuable to collectors.

Grade or Name — Description		**Avg**	**Ex-Fn**	**Mint**
18S, 15J, LS, OF or HC, Wind Indicator, chronometer escapement	★★★	$9,000	$12,000	$15,000
16S, 15J, LS, OF or HC, **not** chronometer	★★★	6,500	7,500	8,500
16S, 15J, LS, OF, 31 day calendar	★★★	6,500	7,500	9,000

ROCKFORD WATCH CO.
Rockford, Illinois
1873 — 1915

The Rockford Watch Company's equipment was bought from the Cornell Watch Co. Also two of Cornell's employees came to work for Rockford: C. W. Parker and P. H. Wheeler. The factory was located 93 miles from Chicago on the Rock River. The first watch was placed on the market on May 1, 1876. They were key wind, 18S, full plate expansion balance. By 1877 the company was making ¾ plate nickel movements that fit standard size cases. Three railroads came through Rockford, and the company always advertised to the railroad men—and were very popular with them. The company had some problems in 1896, and the name changed to Rockford Watch Co. Ltd. It closed in 1915.

ROCKFORD ESTIMATED SERIAL NUMBERS AND PRODUCTION DATES

Date	Serial No.	Date	Serial No.	Date	Serial No.	Date	Serial No.
1876	5,000	1886	110,000	1896	290,000	1906	620,000
1877	15,000	1887	125,000	1897	320,000	1907	650,000
1878	25,000	1888	140,000	1898	350,000	1908	690,000
1879	35,000	1889	150,000	1899	385,000	1909	730,000
1880	50,000	1890	165,000	1900	415,000	1910	765,000
1881	60,000	1891	175,000	1901	450,000	1911	820,000
1882	70,000	1892	195,000	1902	480,000	1912	850,000
1883	80,000	1893	200,000	1903	515,000	1913	880,000
1884	90,000	1894	230,000	1904	550,000	1914	930,000
1885	100,000	1895	260,000	1905	580,000	1915	940,000

(See Rockford Watch Co. **Identification of Movements** section located at the end of the Rockford price section to identify the movement, size, and model number of your watch.)

(Prices are with gold filled cases except where noted.)

NOTE: Some grades are not included. Their values can be determined by comparing with similar models or grades listed.

ROCKFORD
18 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Belmont USA, 21J, LS, OF, NI, M#7	$185	$250	$325
Chronometer, 17J, ADJ, OF, G925	120	135	180
Dome Model, 9J, brass plates .... ★	75	120	150
King Edward, Plymouth W. Co., 21J, 14K	700	800	950
King Edward (Sears), 21J, GJS, ADJ, NI	235	280	350
King Edward (Sears), 21J, GJS, ADJ, NI, Silveroid	200	250	325
Pennsylvania Special, 25J, LS, HCI6P, OF .... ★ ★ ★	2,000	3,000	4,000
Railway King, 21J, OF	175	200	250
The Ramsey Watch, 11J, NI, KW or SW	100	125	150
The Ramsey Watch, 15J, NI, KW or SW	115	140	165
The Ramsey Watch, M#7, 21J, OF, NI, ADJ	275	350	425
Rockford Early KW-KS, M#1-2, with low Serial Nos. less than 500	400	600	900

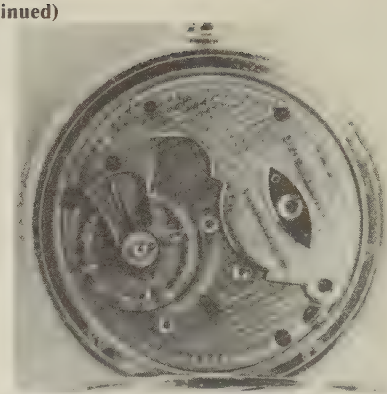
ROCKFORD WATCH CO., 18 SIZE (continued)

Example of a basic **Rockford Watch Co.** key wind & set movement, 18 size, 11-15 jewels, model 3, hunting, serial number 164720.

Example of a basic **Rockford Watch Co.** stem wind movement, 18 size, 15 jewels, 2-tone movement, model 7, open face, lever set, serial number 351810.

Grade or Name — Description	**Avg**	**Ex-Fn**	**Mint**
Rockford Early KW-KS, M#1-2, with low Serial Nos. less than 500, Coin	350	550	850
Rockford Early KW-KS, M#1-2, with reversible case	95	135	150
Rockford Early KW-KS, M#1-2, Serial Nos. less than 100	800	1,200	1,500
Rockford, 7J, SW, FULL	40	50	60
Rockford, 7J, KW, FULL	40	50	60
Rockford, 7J, KW, FULL, Silveroid	35	45	55
Rockford, 9J, SW, FULL	40	50	65
Rockford, M#1, 9J, KW, FULL	75	90	125
Rockford, 11J, SW, FULL	55	65	75
Rockford, M#1-2, 11J, KW, FULL	85	100	125
Rockford, M#1-2, 11J, transition, FULL	100	125	150
Rockford, 11J, KW, Coin	75	90	110
Rockford, 11-15J, KW, HC, M#5, ¾ Plate, Coin ★ ★	200	350	500
Rockford, 13J	50	60	70
Rockford, 15J, SW, FULL	60	75	90
Rockford, 15J, KW, FULL, multi-color dial	175	225	275
Rockford, 15J, SW, 2-Tone movement	95	110	125
Rockford, 15J, KW, FULL, ADJ	195	220	250
Rockford, 15J, KW/SW	75	85	95
Rockford, 15J, KW/SW, Silveroid	60	70	80
Rockford, 15J, M#6, exposed escapement wheel, FULL, HC, LS ★ ★	275	350	450
Rockford, 15J, exposed wheel, Coin ★ ★	225	300	400
Rockford, M#1, 15J, KW, FULL	100	125	175
Rockford, 16J, GJS, NI, DMK, SW	70	80	95
Rockford, 16J, GJS, NI, DMK, SW, Silveroid	50	60	75
Rockford, 16J, GJS, NI, DMK, SW, Coin	60	70	80
Rockford, 17J, NI, DMK, SW	75	85	95
Rockford, 17J, GJS, NI, DMK, SW, HCI5P	100	125	175
Rockford, 17J, GJS, NI, SW, 2-Tone	120	135	185
Rockford, M#1-2, 19J, KW, FULL, GJS, ADJ	500	850	1,200
Rockford, 19J, transition, HC, GJS	400	600	700
Rockford, 21J, SW, Silveroid	75	95	140

Rockford movement, 18 size, 15 jewels, model 10, hunting, lever set, note recessed balance wheel.



Grade 900, 18 size, 24 jewels, HCI5P. **Warning:** 24 jewel fakes have been made from 21 jewel movements. The fakes are missing the eliptical jewel setting on the barrel bridge.

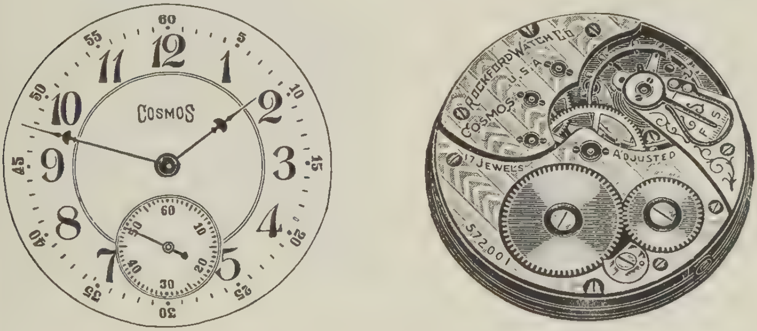
Grade or Name — Description	Avg	Ex-Fn	Mint
Rockford, 21J, SW, DMK, ADJ, HC	135	180	230
Rockford, 21J, NI, DMK, ADJ, OF	125	175	225
Rockford, 21J, GJS, NI, DMK, HCI5P, marked "RG"	175	225	275
Rockford, 24J, GJS, SW, LS, HCI5P, NI, DMK, marked "RG"	1,000	1,200	1,400
Rockford, 24J, GJS, SW, LS, HCI5P, marked "RG," HC	1,200	1,400	1,700
Rockford, 25J, GJS, SW, LS, HCI5P, NI, DMK ★★	3,500	5,000	6,500
Rockford, 26J, GJS, SW, LS, HCI5P, NI, DMK ★★★	8,000	10,000	14,000
The Syndicate Watch Co., M#7, 15J, LS, NI, HC	100	135	175
Winnebago, 17J, LS, GJS, HCI5P, DR, NI, DMK	135	175	210
Winnebago, 17J, LS, GJS, HCI5P, DR, NI, DMK, Silveroid	120	145	165
43, 15J, M#3, HC, 2-Tone	70	85	125
66, 11J, M#7, OF	60	75	90
66, 11J, M#7, OF, Silveroid	35	45	60
66, 11J, M#7, HC	65	80	95
81, 9J, M#3, HC, Gilt ★	65	85	130
83, 15J, M#8, HC, 2-Tone	70	95	125
86, 15J, M#7, OF, NI	60	75	90
93, 9J, M#8, HC, Gilt	40	50	65
94, 9J, M#7, OF	40	55	60
200-205, 17J, M#9, OF, NI, LS	75	85	95
245, 19J, HC, GJS, 2-Tone	1,000	1,200	1,400
800, 24J, GJS, DR, HCI5P, DMK, HC	1,400	1,600	1,800
805, 21J, GJS, HCI5P, NI, DMK, HC, marked "RG"	175	245	375
810, 21J, NI, DMK, ADJ, HC	205	295	425
825, 17J, HC, FULL	100	155	190
830, 17J, HC, FULL	90	135	165
835, 17J, HC, FULL	85	125	155
835, 17J, HC, FULL, Silveroid	50	65	80
845, 21J, HC, GJS, FULL ★	200	300	500
870, 7J, HC, FULL	55	75	90
900, 24J, GJS, DR, HCI5P, OF, NI, DMK ★★	1,000	1,250	1,500
900, 24J, GJS, DR, HCI5P, 14K, OF case	1,400	1,600	1,850

R.W.Co.
Rockford Ill.
S
F

Rockford, 18 size, 15 jewels, open face, note patented regulator.

Grade 918, 18 size, 21 jewels, double roller, gold jewel settings, adjusted to HCI5P, serial number 769276.

Grade or Name — Description	Avg	Ex-Fn	Mint
905, 21J, GJS, DR, HCI5P, OF, NI, DMK	250	275	325
910, 21J, NI, DMK, 1 ADJ, OF	200	250	300
912, 21J, OF, ETP 200	375	475	575
918, 21J, OF, NI, GJS, HCI5P, DR	150	175	200
918, 21J, OF, NI, GJS, HCI5P, DR, Silveroid	95	115	140
918, 21J, OF, NI, GJS, HCI5P, DR, Coin	115	135	165
930, 17J, OF	90	120	145
935, 17J, OF	75	95	125
950, 21J, OF, NI, GJS, HCI5P, DR, Wind Indicator	2,000	3,000	3,800
970, 7J, OF	55	60	70
970, 7J, OF, Silveroid	40	45	55



Examples of a **Cosmos** face and movement, 16 size, 17 jewels, open face, gold jewel settings.

16 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Commodore Perry, 21J, OF, GJS, GT, marked "RG"	$350	$450	$550
Cosmos, 17J, OF, GJS, LS, DMK	225	275	350
Doll Watch Co., 23J, marked dial & mvt.	1,000	1,400	1,800

ROCKFORD WATCH CO., 16 SIZE (continued)

Example of a **Rockford** movement, 16 size, 21 jewels, three-quarter plate, serial number 842520.

ADJUSTED
21 JEWELS
541035

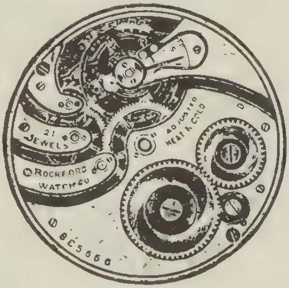
Grade 500-HC, 505-OF, 16 size, 21 jewels, gold jewel settings, gold train, adjusted to HCI6p, marked "RG," originally sold for $100.00

Grade or Name — Description	Avg	Ex-Fn	Mint
Dome Model, 15J	55	75	100
Dome Model, 17J	65	85	125
Dome Model, 17J, 2-tone, HC	130	155	195
Iroquois, 17J, DR, 14K, HC	525	575	650
Iroquois, 17J, DR	110	135	165
Peerless, 17J, OF, NI, LS, DMK	85	100	115
Pocahontas, 17-21J, GJS, HCI5P, DR	170	250	350
Prince of Wales (Sears), 21J	175	225	275
Prince of Wales (Sears), 21J, 14K	550	675	750
Rockford, 7J, ¾	55	65	75
Rockford, 9J, ¾, SW, OF	60	70	80
Rockford, 9J, SW, Silveroid	45	55	65
Rockford, 9J, SW, HC	65	75	85
Rockford, 11J, SW, Silveroid	50	60	70
Rockford, 11J, ¾	70	85	100
Rockford, 15J, ¾, ADJ, OF	75	90	110
Rockford, 15J, ¾, ADJ, Silveroid	60	70	80
Rockford, 15J, ¾, ADJ, HC	80	95	120
Rockford, 16J, ¾, SW, Silveroid	65	75	85
Rockford, 16J, ¾, ADJ, NI, DMK	125	160	200
Rockford, 17J, ¾	85	105	135
Rockford, 17J, ¾, 2-Tone, marked "RG"	155	195	250
Rockford, 17J, BRG, HCI3P, DR	150	175	225
Rockford, 17J, GJS, HCI5P, DR, Wind Indicator	475	575	675
Rockford, 17J, BRG, Silveroid	65	75	85
Rockford, 17J, ¾, Silveroid	60	70	80
Rockford, 21J, ¾, SW, Silveroid	70	80	90
Rockford, 21J, BRG, SW, Silveroid	75	85	95
Rockford, 21J, ¾, GJS, HCI5P	125	150	185
Rockford, 21J, BRG, GJS, HCI5P, GT, DR	175	225	290
Rockford, 21J, GJS, HCI5P, DR, Wind Indicator	550	700	850
Winnebago, 17J, BRG, GJS, HCI5P, NI	150	180	225
Winnebago, 21J, BRG, GJS, HCI5P, NI	210	240	275
100, 16J, M#1, HC, ¾, 2-Tone	200	250	300
100S, 21J, Special, HC, ¾, LS	225	280	360

ROCKFORD WATCH CO., 16 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
102, 15J, HC, M#1 ★	95	105	135
103, 15J, HC, M#1	75	95	125
115-125, 17J, Special, HC ★★★	250	280	335
120-130, 17J, HC ★★★	200	250	285
400 & 405, 17J, NI, HCI5P, GJS, DR, BRG	100	150	175
445, 19J, HC, GJS, BRG ★★	850	1,000	1,200
500, 21J, BRG, NI, GJS, HCI5P, GT, HC ★★	400	500	600
501, 21J, GJS, HC ★★★	800	900	1,000
505, 21J, BRG, NI, GJS, HCI5P, GT, Silveroid, OF ★★	400	500	600
510, 21J, BRG, NI, GJS, HCI5P, GT, HC ★	240	290	325
515 & 525, 21J, OF, ¾	140	160	185
520, 21J, HC, ¾	160	185	225
520, 21J, BRG, NI, GJS, HCI5P, HC ★	185	205	295
530, 21J, HC, GJS, HCI5P ★	160	175	200
535, 21J, OF, ¾ ★	160	175	200
537, 21J, OF, GJS, HCI5P ★★	300	350	425
545, 21J, OF	135	150	175
561, 17J, BRG	125	150	175
566, 17J, BRG	125	150	175
572, 17J, BRG, NI, GJS, HCI5P	70	80	95
573, 17J, BRG, NI	70	80	95
578-579, 17J, PS, GJS ★★	200	250	280
584 & 585, 15J, ¾, NI	65	75	85
620-625, 21J, HC, ¾ ★	185	200	250
655, 21J, OF, Wind Indicator ★	550	700	875

Rockford movement, 16 size, 17 jewels, bridge model, serial number 882125.



Rockford movement, 12 size, 21 jewels, bridge, double roller, adjusted.

12 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Iroquois, 17J, BRG, DR, ADJ	$60	$80	$100
Pocahontas, 21J, GJS, HCI5P, BRG, DR	100	125	165
Rockford, 15J, BRG	35	45	55
Rockford, 17J, BRG, NI, DR, ADJ	50	60	70
Rockford, 21J, BRG, NI, DR, ADJ	60	85	110

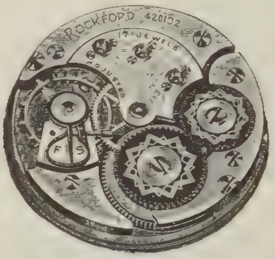
ROCKFORD WATCH CO., 12 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Rockford, 21J, BRG, NI, DR, ADJ, Silveroid	40	55	90
300, 23J, ¾, HC, GJS, HCI5P ★★	200	275	375
305, 23J, BRG, NI, GJS, HCI5P, GT, OF ★★	200	275	375
310-315, 21J, BRG, NI, GJS, HCI5P	100	110	120
320-325, 17J, BRG, NI, ADJ, DR	45	60	75
330, 17J, BRG, NI, DR	40	50	60
335, 17J, BRG, NI, DR, OF	40	50	65
340-345, 21J, M#1 ★	110	130	165

8 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
15J, ¾, HC, LS, 14K, 40 DWT	$575	$650	$775
15J, ¾, HC, LS	125	175	225

Rockford movement, 6 size, 17 jewels, quick train, straight line escapement, compensating balance, adjusted to temperature, micrometric regulator, three-quarter damaskeened plates.



6 SIZE

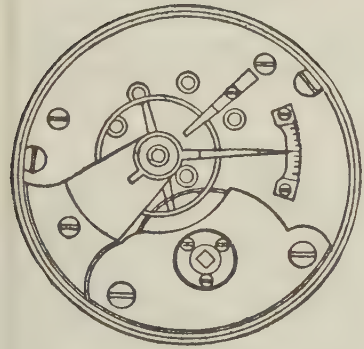
Grade or Name — Description	Avg	Ex-Fn	Mint
9J, HC, NI	$65	$80	$100
15J, ¾, NI	45	60	75
16J, ¾, NI	70	85	100
17J, ¾, ADJ, NI	80	100	125

0 SIZE

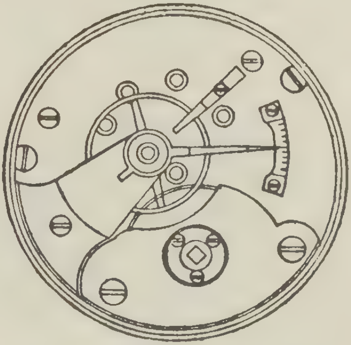
Grade or Name — Description	Avg	Ex-Fn	Mint
Plymouth Watch Co., 15J, HC	$125	$150	$175
7J, BRG	65	90	125
11J, BRG, NI, DR	65	90	125
15J, BRG, NI, DR	75	95	120
17J, BRG, NI, DR	85	115	130
17J, BRG, NI, DR, in marked Rockford HC in dust cover ring	250	300	350
Wrist Watch - Iroquois, 17J, Chrome case	100	125	150

ROCKFORD WATCH CO.
IDENTIFICATION OF MOVEMENTS BY MODEL NUMBER

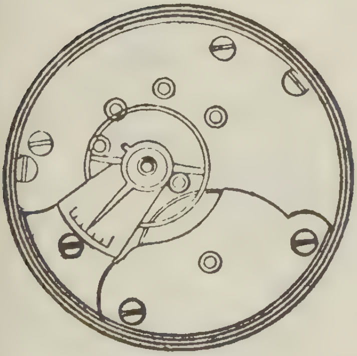
How to Identify Your Watch: Compare the movement of your watch with the illustrations in this section. Upon matching the movement exactly, the model number and size can be determined. While comparing, note the location of the balance, jewels, screws, gears and type of back plate (Full, ¾, Bridge) which will be clues in identifying the movement you have. Having determined the size and model number, you can now find your watch in the main price listing by name or number (which is engraved on the movement).



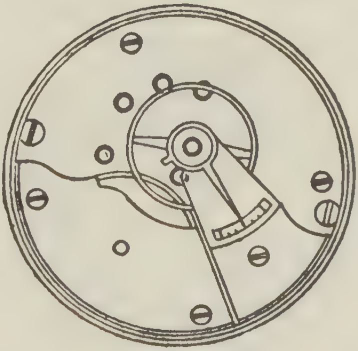
Model 1, 18 size, full plate, hunting, key wind & set.



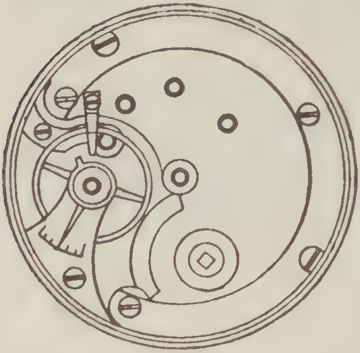
Model 2, 18 size, full plate, hunting, lever set.



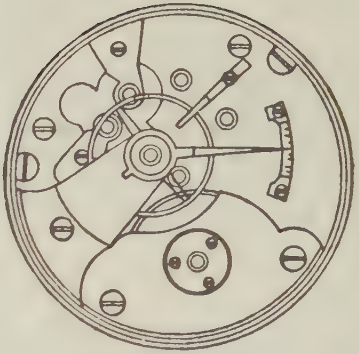
Model 3, 18 size, full plate, hunting, lever set.



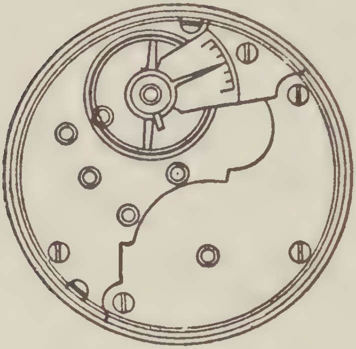
Model 4, 18 size, full plate, open face, lever set.



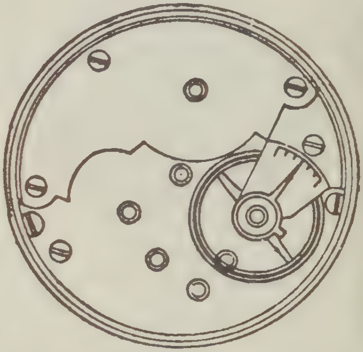
Model 5, 18 size, three-quarter plate, hunting, lever set.



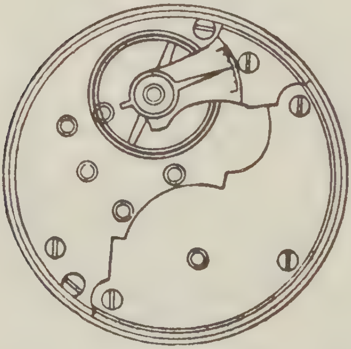
Model 6, 18 size, full plate, hunting, lever set, exposed escapement.



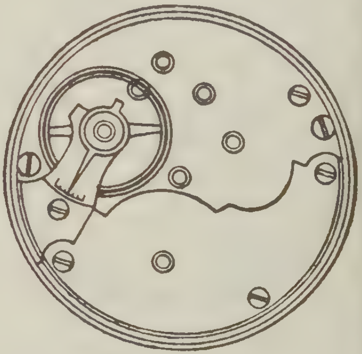
Model 7, 18 size, full plate, open face, lever set.



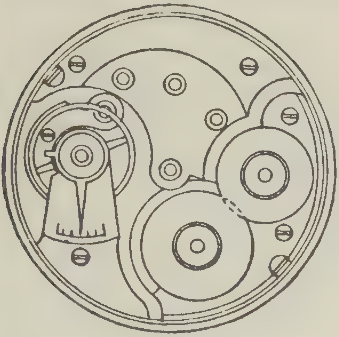
Model 8, 18 size, full plate, hunting, lever set.



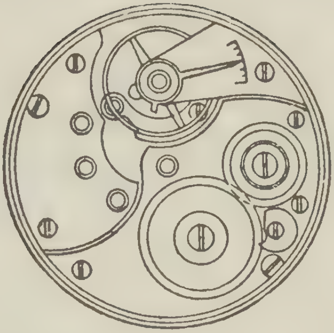
Model 9, 18 size, full plate, open face, lever set.



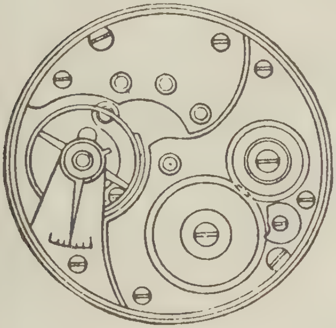
Model 10, 18 size, full plate, hunting, lever set.



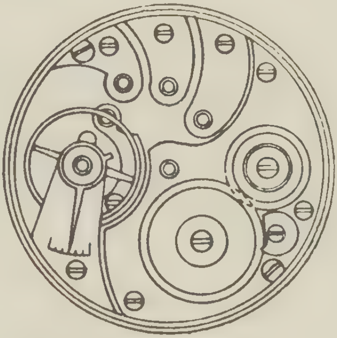
Model 1, 16 size, three-quarter plate, hunting, lever set.



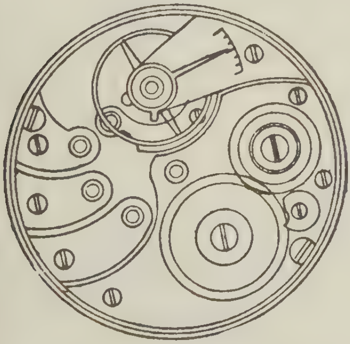
Model 2, 16 size, three-quarter plate, open face, pendant & lever set.



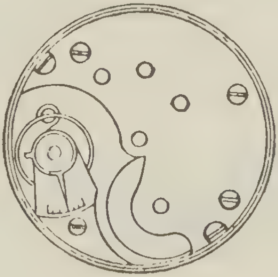
Model 3, 16 size, three-quarter plate, hunting, pendant & lever set.



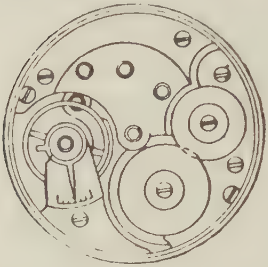
Model 4, 16 size, three-quarter plate, bridge, hunting, pendant & lever set.



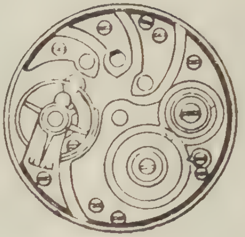
Model 5, 16 size, three-quarter plate, bridge, open face, pendant & lever set.



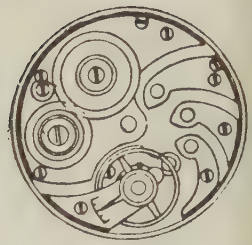
Model 1, 6 & 8 size, three-quarter plate, hunting, lever set.



Model 2, 6 size, three-quarter plate, hunting, lever set.



Model 1, 0 size, three-quarter plate, bridge, hunting, pendant set.



Model 2, 0 size, three-quarter plate, bridge, open face, pendant set.

SAN JOSE WATCH CO.
San Jose, California
1891

Very few watches were made by the San Jose Watch Co., and very little is known about them.

Grade or Name — Description		Avg	Ex-Fn	Mint
16S, SW	★★★	$800	$1,500	$2,400

THE SELF-WINDING WATCH CO.
Chicago, Illinois

(See **Herman von der Heydt**)

M. S. SMITH & CO.
Detroit, Michigan
1870 — 1874

Eber B. Ward purchased the M. S. Smith & Co. which was a large jewelry firm. These watches carried the Smith name on them. A Mr. Hoyt was engaged to produce these watches and about 100 watches were produced before the Freeport Watch Co. purchased the small firm.

Grade or Name — Description		Avg	Ex-Fn	Mint
18S, 15J, ¾, KW, KS	★★★	$1,200	$1,700	$2,200
6S, 15J, SW	★★★	400	525	650

M. S. SMITH & CO. (continued)

Example of a basic **M. S. Smith & Co.** movement, 18 size, 15 jewels, three-quarter plate, key wind & set.

SOUTH BEND WATCH CO.
South Bend, Indiana
March 1903 — December 1929

Three brothers George, Clement and J. M. Studebaker purchased the successful Columbus Watch Co. The first South Bend watches were full plate and similar to the Columbus watches. The serial numbers started at 300,000 whereas the Columbus serial numbers stopped at about 500,000. The highest grade watch was a ''Polaris,'' a 16S, ¾ plate, 21 jewels, and had an open face. This watch sold for about $100. The 227 and 229 were also high grade. The company identified its movements by model numbers 1, 2, and 3, and had grades from 100 to 655. The even numbers were hunting cases, and the odd numbers were open-faced cases. The lowest grade was a 203, 7J, that sold for about $6.75. The company closed on Dec. 31, 1929.

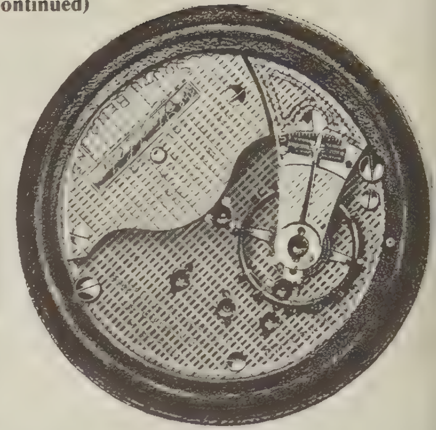
SOUTH BEND ESTIMATED SERIAL NUMBERS AND PRODUCTION DATES

Date	Serial No.	Date	Serial No.	Date	Serial No.	Date	Serial No.
1903	380,000	1910	620,000	1917	865,000	1924	1,110,000
1904	410,000	1911	655,000	1918	900,000	1925	1,145,000
1905	445,000	1912	690,000	1919	935,000	1926	1,180,000
1906	480,000	1913	725,000	1920	970,000	1927	1,215,000
1907	515,000	1914	760,000	1921	1,005,000	1928	1,250,000
1908	550,000	1915	795,000	1922	1,040,000	1929	1,285,000
1909	585,000	1916	830,000	1923	1,075,000		

SOUTH BEND
18 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
South Bend, 15J, OF, HC, Silveroid	$50	$55	$65
South Bend, 15J, OF, HC	75	100	125
South Bend, 17J, OF, HC	90	125	175
South Bend, 21J, OF	125	170	225
South Bend, 21J, HC, 14K	650	700	750
South Bend, 21J, OF, HC, Silveroid	75	85	95
South Bend, 21J, SW, HC	125	170	195

South Bend movement, 18 size, 17 jewels, stem wind, hunting, serial number 426726.



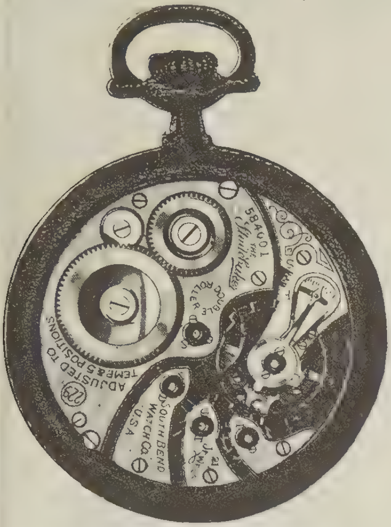
Studebaker, 18 size, 17 jewels, gold jewel settings, stem wind.

Grade or Name — Description	Avg	Ex-Fn	Mint
Studebaker, G#323, 17J, OF, GJS, NI, HCI5P	160	200	250
Studebaker, G#328, 21J, HC, GJS, NI, FULL, HCI5P	175	225	275
Studebaker, G#329, 21J, OF, GJS, NI, FULL, HCI5P	175	225	275
304, 15J, HC	60	75	95
305, 15J, OF	60	75	90
305, 15J, OF, Silveroid	35	45	55
309, 17J, OF	65	80	95
312, 17J, HC, NI, ADJ	70	90	105
313, 17J, OF, NI, ADJ	70	90	105
327, 21J, OF, HCI5P	120	150	185
327, 21J, OF, HCI5P, Silveroid	75	95	115
332, 15J, HC	60	75	90
333, 15J, OF	60	75	90
337, 17J, OF	65	80	95
340 & 341, ADJ, NI	70	90	105
344, 17J, HC, NI, HCI3P	75	95	125
345, 17J, OF, NI, HCI3P	75	95	125
346, 17J, HC, NI	70	85	105
347, 17J, OF, NI	70	85	105
355, 19J, GJS, 2-Tone, HC ★★	1,000	1,200	1,400

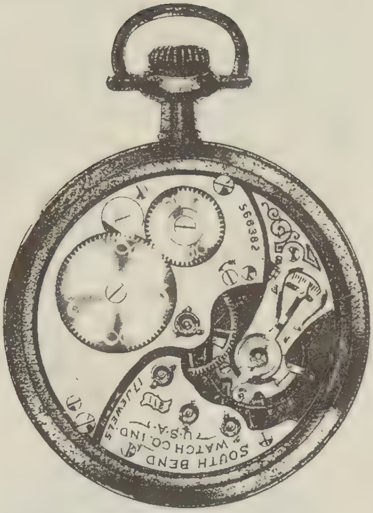
16 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Polaris, 21J, HCI5P, ¾, NI, DR, GJS, GT ★★	$750	$850	$1,000
South Bend, 7J, HC or OF	35	45	55
South Bend, 9J, HC or OF	40	50	60
South Bend, 15J, HC or OF	50	60	75
South Bend, 15J, OF, Silveroid	40	50	55
South Bend, 17J, HC or OF	50	65	80

SOUTH BEND WATCH CO., 16 SIZE (continued)


584001
Studebaker
Double Roller
Adjusted to Temp & 5 Positions
229
South Bend Watch Co. U.S.A.

Studebaker, 16 size, 21 jewels, lever set, bridge, gold jewel settings, HI15P.


568382
211
17 Jewels
South Bend Watch Co. Ind. U.S.A.

Grade 211, 16 size, 17 jewels, open face, pendant set, nickel, three-quarter plate, damaskeened.

Grade or Name — Description	Avg	Ex-Fn	Mint
South Bend, 17J, HC, 14K	465	565	665
South Bend, 21J, HC or OF	100	125	150
Studebaker, 17J, HCI5P, BRG, GJS, DR, GT	150	175	200
Studebaker 229, 21J, HCI5P, BRG, GJS, DR, GT	160	185	225
203, 7J, ¾, NI	40	50	60
204, 15J, ¾, NI	40	60	75
207, 15J, OF, PS	40	65	75
209, 9J, OF, PS	45	55	65
211, 17J, ¾, NI	65	75	85
212, 17J, HC, LS, heat & cold	70	80	95
215, 17J, OF, LS, heat & cold	70	80	85

Grade 219, 16 size, 19 jewels, adjusted to HCI4P, serial number 879850.

Grade 227, 16 size, 21 jewels, gold jewel settings, adjusted to HCI5P, serial number 1222843.

SOUTH BEND WATCH CO., 16 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
215, 17J, OF, Silveroid	45	55	65
217, 17J, BRG, NI, DR, HCI3P	75	85	95
219, 19J, OF, NI, DR, HCI4P	80	90	115
223, 17J, OF, LS, HCI5P	75	85	95
227, 21J, BRG, NI, LS, OF, DR, HCI5P	110	120	130
245, 19J, GJS, BRG, HC	850	1,000	1,200
260, 7J, HCI3P	40	50	60
277, 21J, BRG, HCI5P, Silveroid	70	80	95
280, 15J, BRG, HCI3P	50	60	75
290, 17J, LS, HCI5P, HC	50	60	70
292, 19J, HC, ¾, GJS, NI, DR, HCI5P	75	90	110
293, 19J, OF, ¾, GJS, NI, DR, HCI5P	85	100	125
294, 21J, HCI5P, GJS, GT, HC	110	130	150
295, 17J, OF, LS, HCI5P	65	75	85

Chesterfield, 12 size, 15 jewels, open face only, pendant set, double roller.

Chesterfield, 12 size, 21 jewels, open face only, bridge, gold jewel settings, pendant set, double roller, adjusted to HCI5P.

12 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Chesterfield, 15J, BRG, NI, DR	$40	$50	$70
Chesterfield, 17J, BRG, NI, GJS, DR, HCI3P	50	60	80
Chesterfield, 21J, BRG, NI, GJS, DR, HCI5P	65	85	120
Digital, 17J, OF	125	150	175
South Bend, 15J, OF	35	45	55
South Bend, 17J, OF	40	50	60
South Bend, 17J, Silveroid	30	40	45
South Bend, 19J, HC	65	75	80
South Bend, 19J, OF	60	70	75
South Bend, 21J, OF	70	80	90
Studebaker, 21J, ¾, NI, HCI5P	90	120	150
407, 15J, Silveroid	30	35	40
407, 15J	35	45	55

Grade or Name — Description	Avg	Ex-Fn	Mint
411, 17J	40	50	60
415, 17J, ADJ to temp.	45	55	65
419, 17J, HCI3P	55	65	70
429, 19J, HCI4P, GT, GJS	65	75	90
431, 21J, HCI5P	70	85	100
431, 21J, HCI5P, Silveroid	40	55	75

6 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
South Bend, 11J	$35	$40	$45
South Bend, 15J	40	45	50
South Bend, 17J	45	50	60

South Bend, 6 size, 15 jewels.

Grade 120-HC, 121-OF, 0 size, 17 jewels, bridge, nickel, double roller, pendant set.

0 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
South Bend, 15J, OF, PS	$35	$45	$60
Grade 101, 7J, OF, PS	35	40	55
Grade 110, 15J, 3F Brg, DR	50	60	70
Grade 120 & 121, 17J, OF, BRG, NI, DR, PS	50	60	70

(Prices are with gold filled cases except where noted.)

NOTE: Some grades are not included. Their values can be determined by comparing with similar models or grades listed.

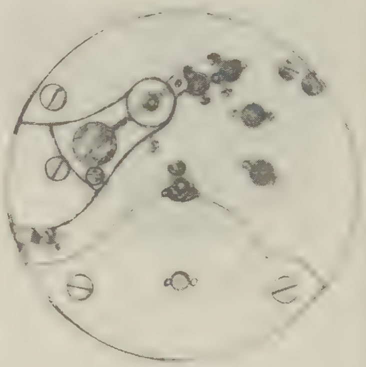
SOUTH BEND WATCH CO.
IDENTIFICATION OF MOVEMENTS
BY MODEL NUMBER

How to Identify Your Watch: Compare the movement of your watch with the illustrations in this section. Upon matching the movement exactly, the model number and size can be determined. While comparing, note the location of the balance, jewels, screws, gears and type of back plate (Full, ¾, Bridge) which will be clues in identifying the movement you have. Having determined the size and model number, you can now find your watch in the main price listing by name or number (which is engraved on the movement).

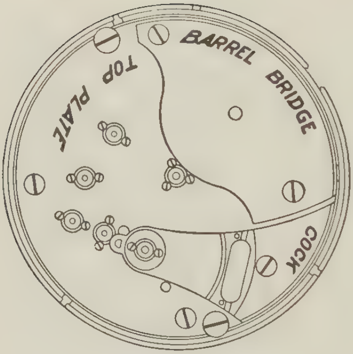
18 SIZE

Open Face and Hunting. Lever Set

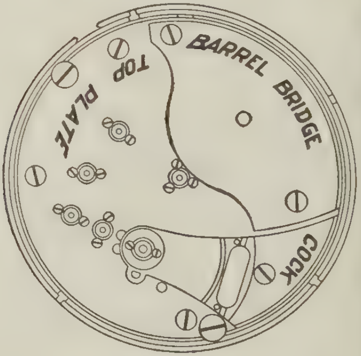
No. 329—21J, Open Face, "Studebaker," Adjusted to Temperature and 5 Positions.
No. 328—21J, Hunting, Adjusted to Temperature and 5 Positions.
No. 327—21J, Open Face, Adjusted to Temperature and 5 Positions.
No. 323—17J, Open Face, "Studebaker," Adjusted to Temperature and 5 Positions.
No. 345—17J, Open Face, Adjusted to Temperature and 3 Positions.
No. 344—17J, Hunting, Adjusted to Temperature and 3 Positions.
No. 313—17J, Open Face, Adjusted to Temperature.
No. 312—17J, Hunting, Adjusted to Temperature.
Nos. 309, 337, 347—17J, Open Face.
No. 346—17J, Hunting.
Nos. 333, 305—15J, Open Face.
Nos. 332, 304—15J, Hunting.



Model 1, full plate.



Full Plate, Open Face.



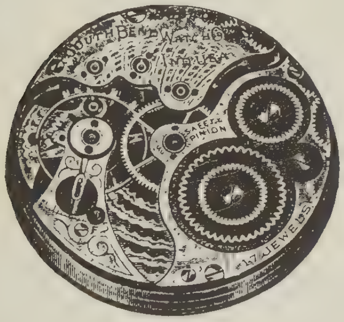
Full Plate, Hunting.

16 SIZE

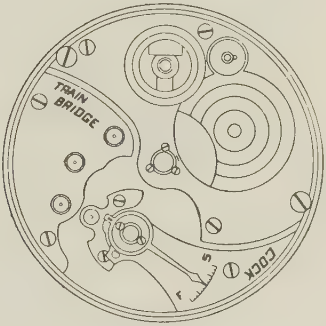
Open Face and Hunting. Pendant and Lever Set

Grade Numbers and Description of Movements

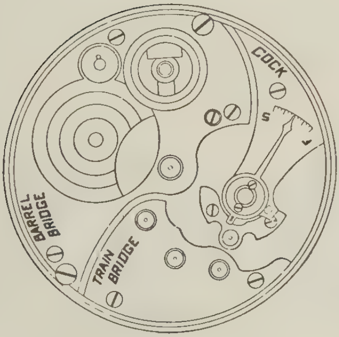
No. 229—21J, Open Face, Lever Set, "Studebaker," Adjust. to Temp. and 5 Positions.
No. 227—21J, Open Face, Lever Set, Adjusted to Temperature and 5 Positions.
No. 219—19J, Open Face, Pendant Set, Adjusted to Temperature and 4 Positions.
No. 223—17J, Open Face, Lever Set, "Studebaker," Adjust. to Temp. and 5 Positions.
No. 217—17J, Open Face, Lever Set, Adjusted to Temperature and 3 Positions.
No. 215—17J, Open Face, Pendant Set, Adjusted to Temperature.
No. 212—17J, Hunting, Lever Set, Adjusted to Temperature.
No. 211—17J, Open Face, Pendant Set.
No. 207—15J, Open Face, Pendant Set.
No. 204—15J, Hunting, Lever Set.
No. 209— 9J, Open Face, Pendant Set.
No. 203— 7J, Open Face, Pendant Set.


SOUTH BEND WATCH CO.
INDIANA
SAFETY PINION
17 JEWELS

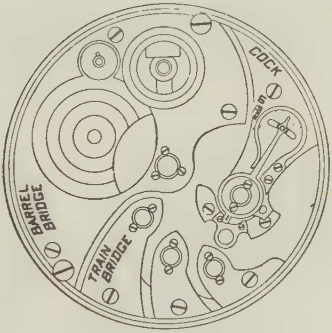
Three-Quarter Plate
Hunting


TRAIN BRIDGE
COCK
S
F

Three-Quarter Plate
Hunting


COCK
S
BARREL BRIDGE
TRAIN BRIDGE

Three-Quarter Plate
Open Face


COCK
BARREL BRIDGE
TRAIN BRIDGE

Bridges, Open Face.

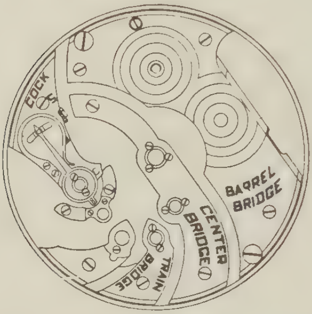
12 SIZE — MODEL 1

Chesterfield Series
and Grade 429 Special

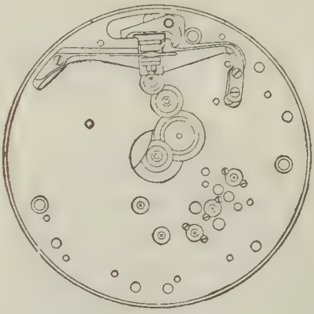
Made in Pendant Set
Open Face Only

Grade Numbers and Description of Movements

No. 431—21J, Adjusted to Temperature and 5 Positions.
No. 429—19J, Adjusted to Temperature and 4 Positions.
No. 419—17J, Adjusted to Temperature and 3 Positions.
No. 415—17J, Adjusted to Temperature.
No. 411—17J.
No. 407—15J.


COCK
BARREL BRIDGE
CENTER BRIDGE
TRAIN BRIDGE

Bridges



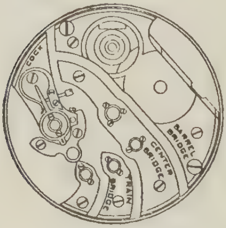
Lower Plate
Dial Side

0 SIZE — MODEL 3

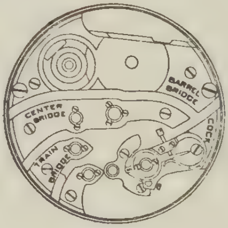
Both Open Face and Hunting have second hand

Grade Numbers and Description of Movements

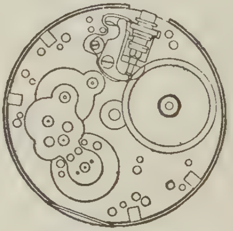
No. 151—21J, Open Face, Bridge Model.
No. 150—21J, Hunting, Bridge Model.
No. 121—17J, Open Face, Bridge Model.
No. 120—17J, Hunting, Bridge Model.


COCK
BARREL BRIDGE
CENTER BRIDGE
TRAIN BRIDGE

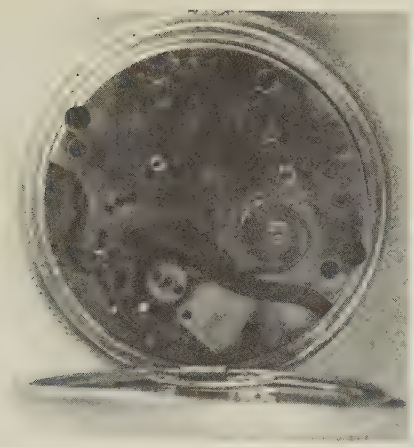
Open Face Bridges
Grade 151, 21J
Grade 121, 17J


BARREL BRIDGE
CENTER BRIDGE
COCK
TRAIN BRIDGE

Hunting Bridges
Grade 150, 21J
Grade 120, 17J



Lower Plate
Train Side



Example of a basic original J. P. Stevens movement, 18 size, 15 jewels, note patented eccentric style regulator, serial number 65.

J.P. Stevens Watch Co. movement by Waltham, 18 size, 11 jewels, serial number 1240058.

J. P. STEVENS WATCH CO.
Atlanta, Georgia
1882 — 1887

In mid-1881 J. P. Stevens bought part of the Springfield Watch Co. of Massachusetts and some watch components from Ezra Brown. He set up his watchmaking firm over his jewelry store in Atlanta, Ga., and started to produce the unfinished watch which was 16S and 18S and to which was added the "Stevens Patent Regulator." This regulator is best described as a simple disc attached to the plate which has an eccentric groove cut for the arm of the regulator to move in. This regulator is a prominent feature of the J. P. Stevens, and only the top is jeweled. These watches were 16S, ¾ plate, stem wind and had a nickel plate with damaskeening. About 50 of these watches were made. A line of gilt movements was added. The pallet and fork are made of one piece aluminum. The aluminum was combined with 1/10 copper and formed an exceedingly tough metal which will not rust or become magnetized. The lever of this watch is only one-third the weight of a steel lever. The aluminum lever affords the least possible resistance for overcoming inertia in transmitting power from the escape wheel to the balance. In 1884, the company was turning out about ten watches a day at a price of $20 to $100 each. In the spring of 1887 the company failed. Only 174 true Stevens watches were made, but other watches carried the J. P. Stevens name.

16 TO 18 SIZE

Grade or Name — Description	**Avg**	**Ex-Fn**	**Mint**
Original Model, Serial Nos. 1 to 174 .... ★★	$3,500	$4,500	$5,500
Aurora, 17J .... ★	350	400	450
Columbus W. Co., 17J .... ★	400	425	475
Elgin, 17J .... ★	275	350	425
Hamilton, 17J .... ★	375	425	500
Hampden, 17J .... ★	175	225	275

J. P. STEVENS WATCH CO., 16-18 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Illinois, 17J ★	400	500	650
N. Y. W. Co. "Bond" Model, S#s range in 500s ★★	850	995	1,200
Swiss, 17J ★	175	200	225
Waltham, 17J ★	300	350	400

J.P. Stevens Watch Co., 6 size, 11 jewels, exposed winding gears.

6 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Ladies Model, 15J, LS, HC, 14K	$500	$575	$650
Ladies Model, 15J, LS, GF cases	175	250	325
Ladies Model, 15J, LS, GF cases, Swiss made	175	250	325

SUFFOLK WATCH CO.
Waltham, Massachusetts
1900 — 1901

The movements sold by this company were made by the U. S. Watch Co.

Grade or Name — Description	Avg	Ex-Fn	Mint
18S, OF	$90	$140	$195
0S, 7J, NI, HC	90	140	175

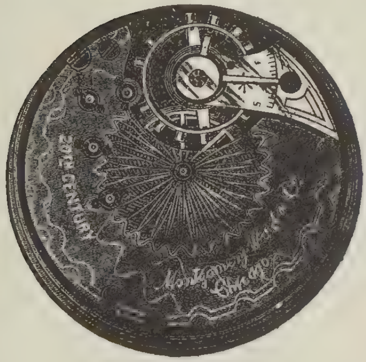
Example of a basic **Suffolk Watch Co.** movement, 0 size, 7 jewels, nickel damaskeened, lever set.

SETH THOMAS WATCH CO.
Thomaston, Connecticut
1883 — 1915

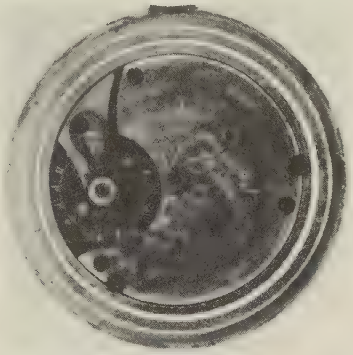
Seth Thomas is a very prominent clock manufacturer, but in early 1883, the company made a decision to manufacture watches. The watches were first placed on the market in 1885. They were 18S, open face, stem wind, ¾ plate, and the escapement was between the plates. The compensating balance was set well below the normal. They were 11J, 16,000 bpm train, but soon went to 18,000 or quick train. In 1886, the company started to make higher grade watches and produced four grades: 7J, 11J, 15J, and 17J. That year the output was 100 watches a day.

SETH THOMAS ESTIMATED SERIAL NUMBERS AND PRODUCTION DATES

Date	Serial No.	Date	Serial No.	Date	Serial No.
1885	5,000	1895	280,000	1905	760,000
1886	10,000	1896	330,000	1906	820,000
1887	20,000	1897	370,000	1907	930,000
1888	50,000	1898	420,000	1908	1,055,000
1889	80,000	1899	460,000	1909	1,175,000
1890	110,000	1900	500,000	1910	1,325,000
1891	150,000	1901	550,000	1911	1,835,000
1892	175,000	1902	600,000	1912	2,355,000
1893	200,000	1903	650,000	1913	3,000,000
1894	240,000	1904	710,000	1914	3,600,000



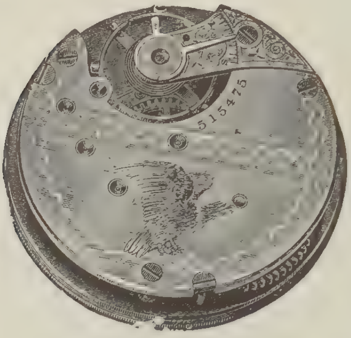
20th Century (Wards), 18 size, 11 jewels.



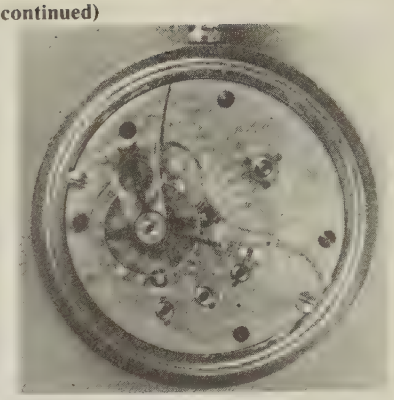
Edgemere, 18 size, 17 jewels, serial number 786773.

SETH THOMAS
18 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Century, 7J, OF or HC	$40	$60	$75
Century, 15J, OF or HC	50	65	85
Eagle Series, 7J, No. 36 OF, No. 37 HC	70	80	90
Eagle Series, 11J, No. 106 OF, No. 107 HC	75	85	95
Eagle Series, 15J, No. 206 OF, No. 207 HC	80	95	125
Eagle Series, 17J, No. 210 OF, No. 211 HC	85	100	135
Eagle Series, 17J, NI, ¾	90	115	155

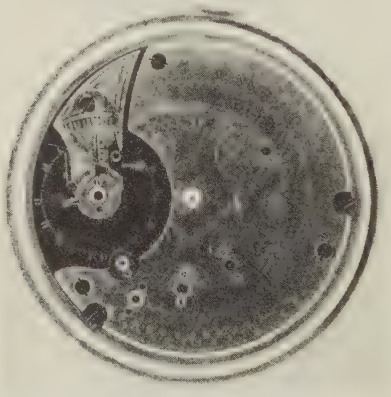


Liberty, 18 size, 7 jewels, hunting or open face, eagle on movement.

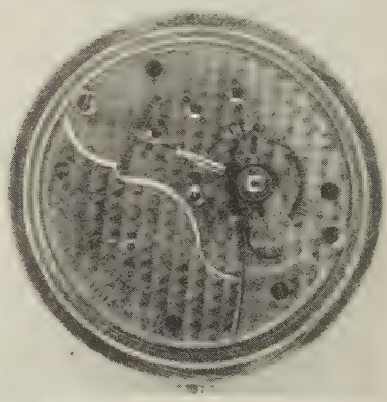


Maiden Lane, 18 size, 28 jewels, gold jewel settings, HCI5P, dated 8,1.99. No serial number.

Grade or Name — Description		Avg	Ex-Fn	Mint
Edgemere, 11J		70	80	90
Edgemere, 17J		75	85	100
Keywind M#4, 7J, 11J, & 15J, ¾		200	300	400
Lakeshore, 17J, GJS, ADJ, NI		300	350	400
Liberty, 7J, ¾, eagle on back plate		65	75	85
Maiden Lane, 17J, GJS, DR, HCI6P, NI, marked	★	600	750	900
Maiden Lane, 19J, GJS, DR, HCI6P, NI, marked	★	1,000	1,200	1,400
Maiden Lane, 21J, GJS, DR, HCI6P, NI, marked	★	1,200	1,400	1,600
Maiden Lane, 24J, GJS, DR, HCI6P, marked	★	1,500	1,750	2,150
Maiden Lane, 25J, GJS, DR, HCI6P, NI, marked	★★	2,000	2,500	3,200
Maiden Lane, 28J, GJS, DR, HCI5P, NI, marked	★★★	15,000	18,000	22,000
Henry Molineux, M#3, 17J, ¾, GJS, ADJ		400	450	500
Henry Molineux, M#2, 17J, GJS, ADJ		400	450	500
Henry Molineux, M#2, 20J, GJS, ADJ	★★	700	1,000	1,300
S. Thomas, 7J, ¾, multi-color dial		135	155	185
S. Thomas, 7J, ¾		40	50	65
S. Thomas, 11J, ¾		50	60	75
S. Thomas, 11J, ¾, Silveroid		35	45	55



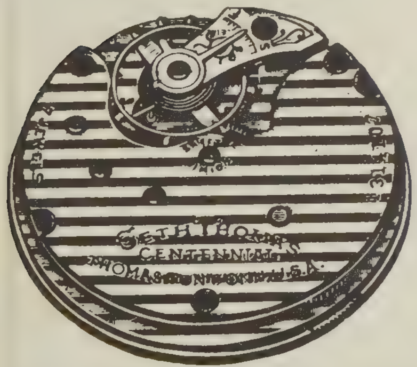
Henry Molineux, 18 size, 17 jewels, "Corona W. Co. USA" on dial, open face, serial number 54951.



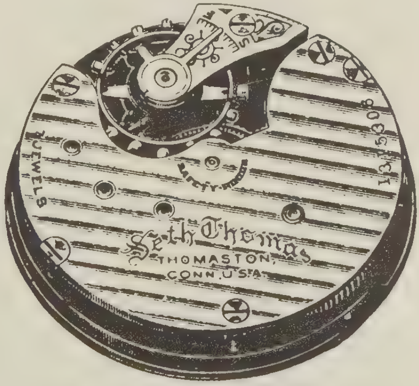
Seth Thomas, 18 size, 23 jewels, gold jewel settings, adjusted, serial number 298333.

SETH THOMAS WATCH CO., 18 SIZE (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
S. Thomas, 15J, ¾, HC	65	75	95
S. Thomas, 15J, ¾, Silveroid	40	50	60
S. Thomas, 15J, ¾, OF	60	70	90
S. Thomas, 16J, ¾	65	85	115
S. Thomas, 17J, ¾, OF	80	90	105
S. Thomas, 17J, ¾, 2-Tone	135	160	195
S. Thomas, 17J, ¾, Silveroid	50	60	70
S. Thomas, 17J, ¾, HC	85	95	115
S. Thomas, 21J, GJS, DR, HCI5P	250	295	350
S. Thomas, 23J, GJS, DR, HCI5P, ETP 50	900	1,200	1,500
20th Century (Wards), 11J	70	80	90
20th Century (Wards), 11J, 2-Tone	75	85	95
Wyoming Watch Co., 7J, OF	125	140	155
33, 7J, ¾, gilded	40	50	65
37, 7J, ¾, NI	50	60	70
44, 11J, ¾, gilded	50	60	70
47, 7J, gilded, FULL	55	65	75
48, 7J, NI, FULL	60	70	80
70, 15J, ¾, gilded	60	80	90
80, 17J, ¾, gilded, ADJ	70	90	100
101, 15J, ¾, gilded, ADJ	65	75	90
149, 15J, gilded, FULL	50	60	75
159, 15J, NI, FULL	55	65	85
169, 17J, NI, FULL	70	80	95
170, 15J, ¾, NI	50	60	75
179, 17J, ¾, NI, ADJ	60	75	90
180, 17J, ¾, NI	60	70	85
182, 17J, DR, NI, FULL	125	150	175
201, 15J, ¾, NI, ADJ	65	80	95
245, 19J, GJS, 2-Tone, HC	1,000	1,200	1,400
260, 21J, DR, HCI6P, NI, FULL	225	275	325
281-282, 17J, OF, LS, FULL, DR, HCI3P	160	180	225
382, 17J, OF, LS, FULL, DR, HCI5P	160	180	225



Centennial, 16 size, 7 jewels, three-quarter nickel plate.

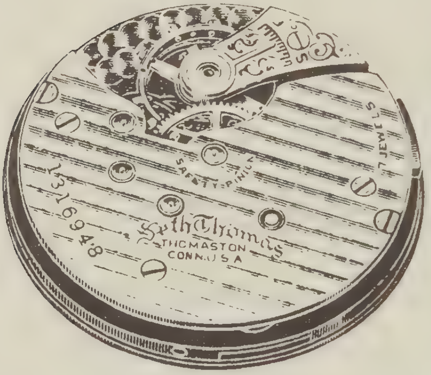


Grade 36, 16 size, 7 jewels, open face, three-quarter nickel plate.

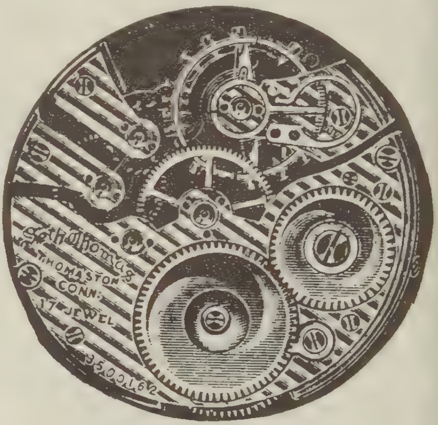
SETH THOMAS WATCH CO. (continued)

16 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Centennial, 7J, ¾, NI	$45	$55	$65
Locust, 7J, NI, ¾	45	55	65
Locust, 17J, NI, ADJ, ¾	55	65	75
Republic USA, 7J	45	55	65
25, 7J, OF, BRG	40	50	65
26, 15J, OF, BRG, GJS	60	75	80
27, 17J, OF, BRG, GJS	70	80	90
28, 17J, OF, BRG, HCI3P, GJS	75	85	95
326, 7J, OF, ¾, NI	40	50	65
328, 15J, OF, ¾, NI	60	75	80
332, 7J, ¾, NI	50	60	75
334, 15J, NI, ADJ, ¾, DMK	80	95	135
336, 17J, ADJ, ¾, DMK	155	175	195


Seth Thomas
THOMASTON
CONN. U.S.A.
SAFETY PINION
7 JEWELS
1316948

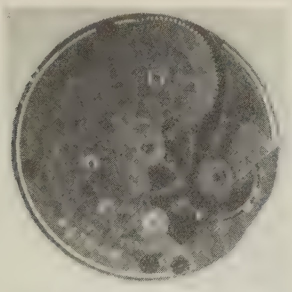
Seth Thomas, 12 size, 7 jewels, open face.


Seth Thomas
THOMASTON
CONN.
17 JEWEL
3500162

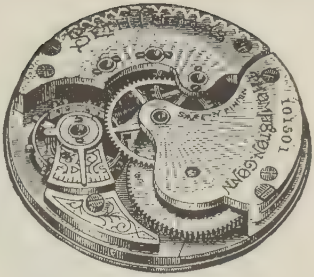
Seth Thomas, 12 size, 17 jewels, gold jewel settings, gold center wheel, open face, HCI3P.

12 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Republic USA, 7J	$40	$50	$60
25, 7J, OF, BRG	40	50	65
26, 15J, OF, BRG, GJS	60	75	80
27, 17J, OF, BRG, GJS	70	80	90
28, 17J, OF, BRG, HCI3P, GJS	75	85	95
326, 7J, OF, ¾, NI	40	50	65
328, 15J, OF, ¾, NI	60	75	80



Example of a basic **Seth Thomas** movement, 6 size, 7 jewels, serial number 441839. Sometimes appears in a 12 size case.



Grade 45, 6 size, 7 jewels, open face, three-quarter nickel plate.

6 SIZE
(Some 6 Size were used to fit 12 Size cases)

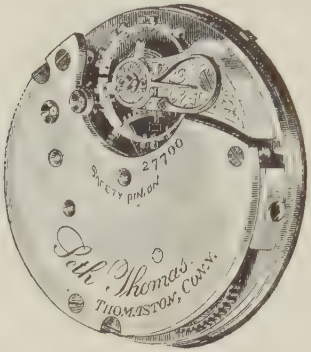
Grade or Name — Description	Avg	Ex-Fn	Mint
Century, 7J, NI, ¾	$45	$55	$65
Eagle Series, 7J, ¾, NI, DMK, 205 HC, 45 OF	55	65	75
Eagle Series, 15J, ¾, NI, DMK, 245 HC, 35 OF	65	75	85
Republic USA, 7J	45	55	65
Seth Thomas, 7J, ¾, HC, 14K, 26 DWT	325	350	395
Seth Thomas, 11J, ¾	70	85	100
35, 7J, HC, NI, DMK, ¾	45	65	75
119, 16J, HC, GJS, NI, DMK, ¾	75	90	120
205, 15J, HC	55	60	70
320, 7J, OF, NI, DMK, ¾	60	80	140
322, 15J, OF	55	60	70

0 SIZE

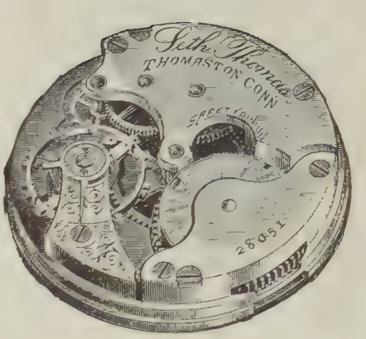
Grade or Name — Description	Avg	Ex-Fn	Mint
Seth Thomas, 7J, OF, HC, No. 1	$70	$85	$125
Seth Thomas, 15J, OF, HC, GJS, No. 3	80	95	115
Seth Thomas, 17J, OF, HC, GJS, PS, No. 9	90	115	135

SETH THOMAS WATCH CO.
IDENTIFICATION OF MOVEMENTS
BY MODEL NUMBER

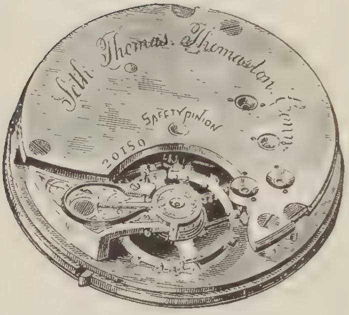
How to Identify Your Watch: Compare the movement of your watch with the illustrations in this section. Upon matching the movement exactly, the model number and size can be determined. While comparing, note the location of the balance, jewels, screws, gears and type of back plate (Full, ¾, Bridge) which will be clues in identifying the movement you have. Having determined the size and model number, you can now find your watch in the main price listing by name or number (which is engraved on the movement).


27700
SAFETY PINION
Seth Thomas
THOMASTON, CONN.

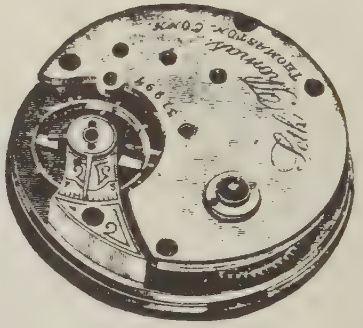
Model 1, 18 size


Seth Thomas
THOMASTON CONN
SAFETY PINION
28051

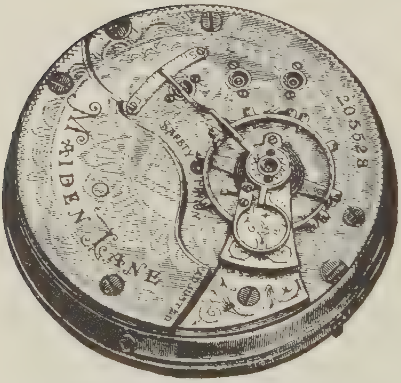
Model 2, 18 size


Seth Thomas Thomaston Conn.
SAFETY PINION
20150

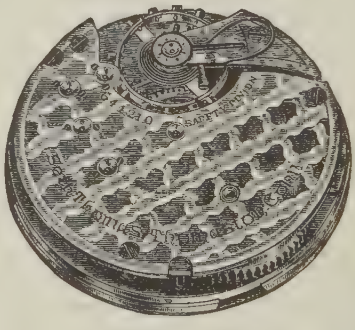
Model 3, 18 size


Seth Thomas
THOMASTON CONN
31994

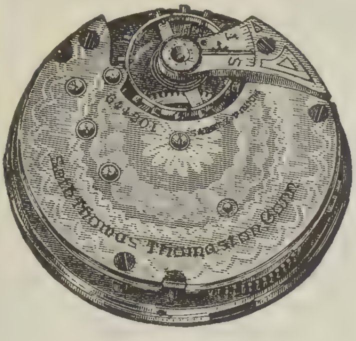
Model 4, 18 size


MAIDEN LANE
205528
SAFETY PINION
ADJUSTED

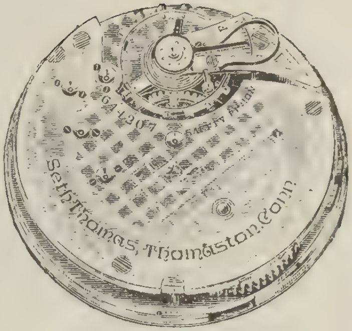
Model 5, Maiden Lane Series, 18 size


SAFETY PINION
Seth Thomas Thomaston Conn.

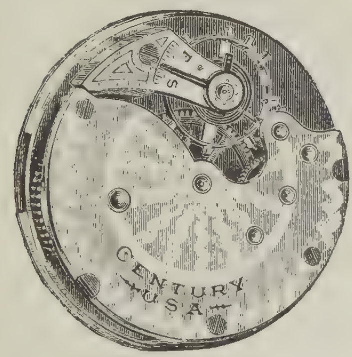
Model 6, 18 size


Seth Thomas, Thomaston Conn.

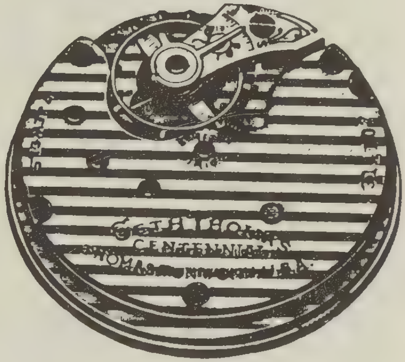
Model 7, 18 size


Seth Thomas, Thomaston Conn.

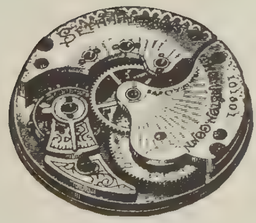
Model 8, 18 size


CENTURY
U.S.A.

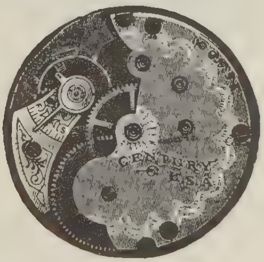
Model 12 & 13, 18 size


SETH THOMAS
CENTENNIAL

16 size



Model 14, 6 size


CENTURY
U.S.A.

Model 15 & 18, 6 size

TREMONT WATCH CO.

Boston, Massachusetts

1864 — 1866

In 1864 A. L. Dennison thought if he could succeed in producing a good movement at a more reasonable price there would be a ready market. Dennison went to Switzerland to find a supplier of cheap parts as arbors were too high in America. He found a source of parts, mainly the train and escapement and the balance. About 600 sets were to be furnished. In 1865, the first movements were ready for the market. They were 18S, key wind, fully jeweled, and were engraved "Tremont Watch Co." In 1886, the company moved from Boston to Melrose. Another 18S was made, and the company made its own train and escapement. The watches were engraved "Melrose Watch Co., Melrose, Mass." The Tremont Watch Co. produced about 5,000 watches before being sold to the English Watch Co.

Tremont Watch Co. with *Washington Street Boston* engraved on movement, 18 size, 15 jewels, key wind and set, serial number 5264.

Tremont Watch Co., 18 size, 7 jewels, key wind & set, serial number 1849.

Grade or Name — Description		Avg	Ex-Fn	Mint
18S, 7J, KW, KS	★★	$200	$225	$250
18S, 11J, KW, KS	★★	200	225	250
18S, 15J, KW, KS, Silveroid	★	145	165	185
18S, 15J, KW, KS, gilded	★	200	225	250
18S, 15J, KW, KS, HC, 14K	★	700	750	900
18S, 15J, KW, KS, gilded, Washington Street	★★	350	375	425
18S, 17J, KW, KS, gilded	★	300	350	400

TRENTON WATCH CO.

Trenton, New Jersey

1885 — 1908

The company produced 1,200,000 watches.

TRENTON WATCH CO. (continued)

Chronology of the Development of Trenton Watch Co.:
New Haven Watch Co., New Haven, Conn. — 1883-1887
Trenton Watch Co., Trenton, N. J. — 1887-1908
Sold to Ingersoll — 1908-1922

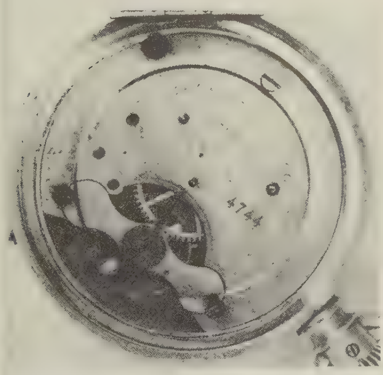
Trenton watches were marketed under the following labels: Trenton, Ingersoll, Fortuna, Illinois Watch Case Company, Calumet U. S. A., Locomotives Special, Marvel Watch Co., and Reliance Watch Co.

Serial numbers started at 2,001 and ended at 4,100,000.

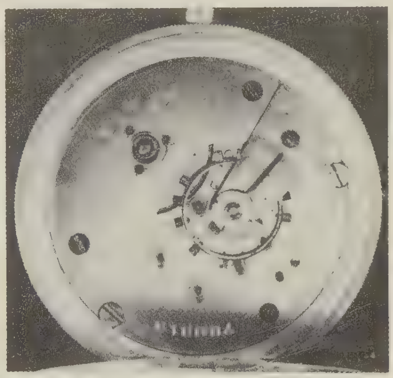
TRENTON MODELS AND GRADES
With Years of Manufacture and Serial Numbers

Date	Numbers	Size	Model	Date	Numbers	Size	Model
1887-1889	2,001- 61,000	18	1	1900-1903	2,000,001-2,075,000	6	2
1889-1891	64,001- 135,000	18	2	1902-1905	2,075,001-2,160,000	6	3 LS
1891-1898	135,001- 201,000 *[1]	18	3			12	2 LS
1899-1904	201,001- 300,000	18	6	1905-1907	2,160,001-2,250,000	6	3 PS
1891-1900	300,001- 500,000	18	4			12	2 PS
1892-1897	500,001- 600,000	6	1	1899-1902	2,500,001-2,600,000	3/0	1
1894-1899	650,001- 700,000	16	1	ca. 1906	2,800,001-2,850,000	6	3 PS
1898-1900	700,001- 750,000	6	2			12	2 PS
1900-1904	750,001- 800,000 *[2]	18	4	1900-1904	3,000,001-3,139,000	16	2
1896-1900	850,001- 900,000	12	1	1903-1907	3,139,001-3,238,000	16	3 OF
1898-1903	900,001-1,100,000	18	5	1903-1907	3,500,001-3,600,000	16	3 HC
1902-1907	1,300,001-1,400,000	18	6	1905-1907	4,000,001-4,100,000	0	1

[1] *7 jewel grades made only during 1891; 9 jewel chronograph made 1891-1898.*
[2] *A few examples are KWKS for export to England.*



Trenton movement, 18 size, 4 jewels, serial number 4744.

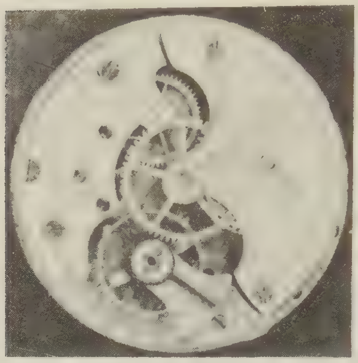


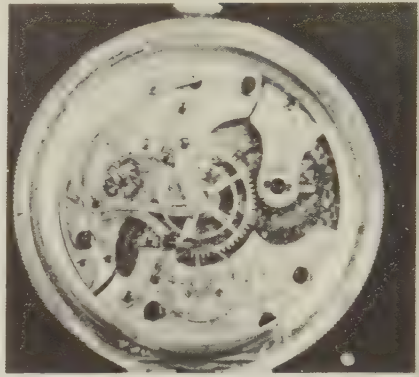
Trenton movement, 18 size, 7 jewels, 4th model, serial number 788313.

TRENTON
18 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
M#1-2, gilded, OF or HC ★	$75	$120	$150
M#3, 7J, ¾	65	75	85
M#3, 9J, ¾	75	85	95
M#4, 7J, FULL	60	70	85
M#4, 11J, FULL	60	70	85
M#4, 15J, FULL	70	80	95
M#4-5, FULL, OF or HC, NI	60	70	85

Grade or Name — Description	Avg	Ex-Fn	Mint
New Haven Watch Co. style, M#1, 4J	75	100	125
Trenton, 7J, KW, KS	75	85	95


Trenton movement, 18 size, 7 jewels, serial number 148945.

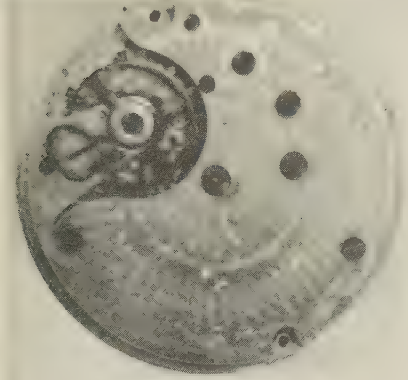

Chronograph, 16 size, 9 jewels, third model; start, stop & fly back, sweep second hand.

16 SIZE

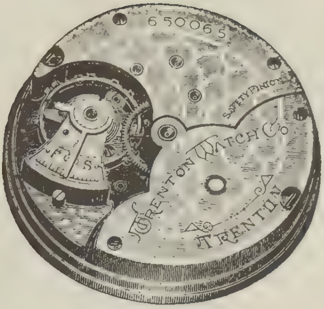
Grade or Name — Description	Avg	Ex-Fn	Mint
M#1-2, 7J, ¾, NI, HC or OF	$50	$60	$85
M#3, 7J, 3F BRG	45	60	75
M#3, 11J, 3F BRG	50	65	85
M#3, 15J, 3F BRG	55	70	85
7,11,15J, 3F BRG, NI	60	80	100
Chronograph, 9J, start, stop, & fly back	125	150	175
Convertible Model, 7J, HC or OF	75	95	115
Grade #30 & 31, 7J	30	40	55
Grade #35, 36 & 38, 11J	40	50	65
Grade #45, 16J	40	50	65
Grade #125, 12J	40	60	85
Ingersoll Trenton, 7J, 3F BRG	45	50	55

Ingersoll Trenton movement, 16 size, 19 jewels, three-fingered bridge, adjusted, serial number 3419771.

Ingersoll Trenton movement, 16 size, 12 jewels; *Edgemere* engraved on movement.



Reliance, 16 size, 7 jewels, serial number 241265.

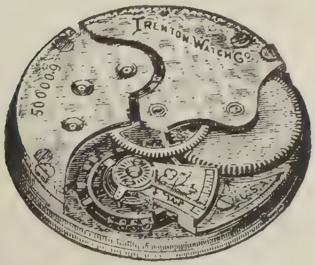

650065
SAFETY PINION
TRENTON WATCH Co.
TRENTON

Trenton movement, convertible model, 16 size, 7 jewels.

Grade or Name — Description	Avg	Ex-Fn	Mint
Ingersoll Trenton, 17J, 3F BRG, NI, ADJ	60	70	80
Ingersoll Trenton, 19J, 3F BRG, NI, HCI5P	125	135	150
Peerless, 7J, SW, LS	60	75	80
Reliance, 7J	45	55	65

12 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
"Fortuna," 7J, BRG	$40	$50	$60
M#1, 7J, ¾	40	50	60
Monogram, 7J, SW	40	50	60


TRENTON WATCH Co.
500009
U.S.A.

Example of a basic **Trenton Watch Co.** movement, 6 size, 7 jewels, open face & hunting, nickel damaskeened.

6 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
7J, ¾, NI	$35	$45	$60
7J, 3F BRG	40	50	65
15J, 3F BRG	45	60	75

0 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
7J, 3F brg	$65	$80	$95
15J, 3F brg	70	95	115

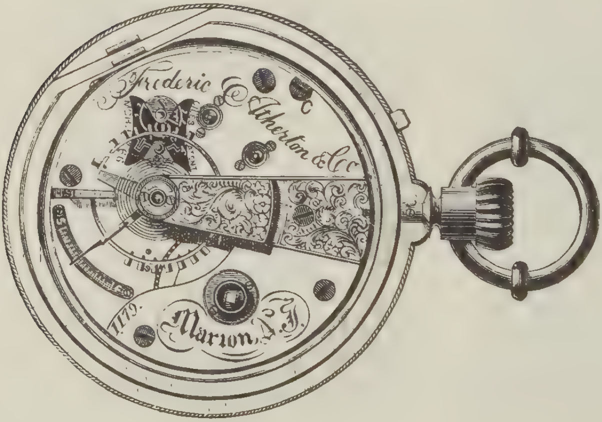
UNITED STATES WATCH CO.

Marion, New Jersey

1864 — 1872

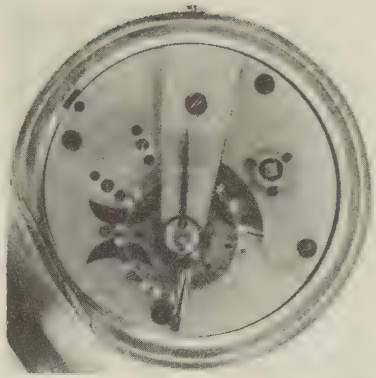
The United States Watch Co. was conceived in 1863, and the building which was started in August 1864 was completed in the summer of 1865. The first watch was not put on the market until late summer 1867 and was called the "Frederic Atherton." It was 18S, full plate, gilt movement, exposed pallet and expansion balance. A distinctive feature of the company's movements was the patented opening in the plates. The opening was shaped like a butterfly and allowed the escapement to be inspected. In 1868 the Edwin Rollo model was released, in 1869 the S. M. Beard, A. H. Wallis and John Lewis models were produced, and in 1870 the G. A. Read, J. W. Deacon and Chas. Knapp models appeared on the market. By 1869, the production level had reached 100 movements a day. That same year the company came out with a high grade watch called the "United States;" it was a ¾ plate, nickel, 16S, gold train movement. There were 19 ruby jewels, three pairs of conical pivots, a Breguet hairspring, compensation balance, adjusted to heat, cold, isochronism and positions. It was finely damaskeened and frost-finished. This watch was priced at $475, the highest price for a watch of that type in America.

In 1872, the name was changed to Marion Watch Co. on paper only. At this time the prices were lowered to much less on most of the grades, but this proved to be a mistake. The company failed in 1874, and the machinery was sold to the Fredonia Watch Co. and the Fitchburg Watch Co. Some may have been sold to the Auburndale Watch Co. also. The company produced some 286,000 watches in the ten years it was in business.



Example of a **Frederick Atherton & Co.** movement, 18 size, 19 jewels, gold jewel settings, key wind & pin set. Note butterfly cut-out.

J. W. Deacon, 18 size, 11 jewels, hunting, serial number 90777.



Edwin Rollo, 18 size, 15 jewels, gilded, key wind & set, note butterfly cut-out, serial number 110214.

U. S. WATCH CO., MARION, N. J.
18 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Wm. Alexander, 15J, Coin	$195	$225	$295
Wm. Alexander, 15J, NI, KW	250	325	390
Wm. Alexander, 15J, NI, SW	235	340	425
Frederic Atherton & Co., 19J, NI, KW, GJS, HCIP	700	850	1,000
Frederic Atherton & Co., 19J, NI, SW, GJS, HCIP	900	1,050	1,200
Frederic Atherton & Co., 19J, gilded, KW, GJS, HCIP	500	675	850
Frederic Atherton & Co., 19J, gilded, SW, GJS, HCIP	650	800	950
S. M. Beard, 15J, NI, KW	250	325	395
S. M. Beard, 15J, SW	250	325	395
S. M. Beard, 15J, KW, Coin	250	325	395
George Channing, 15J, KW, Coin	250	320	395
George Channing, 15J, gilded, KW	250	320	395
J. W. Deacon, 11J, gilded, SW	195	230	295
J. W. Deacon, 11J, gilded, KW	185	210	275
Empire City Watch Co., 15J, NI, SW	300	340	395
Benjamin Franklin, 15J, KW	450	600	750
Asa Fuller, 11J, gilded, KW	195	235	295
Asa Fuller, 11J, gilded, SW	210	260	310
Asa Fuller, 11J, gilded, SW, Silveroid	175	200	250
John W. Lewis, 15J, SW	275	320	395
John W. Lewis, 15J, NI, KW	275	320	395
Marion Watch Co., 15J, gilded, KW, ADJ	500	580	695
Marion Watch Co., 15J, gilded, SW, ADJ	550	650	750
Pennsylvania R.R., 15J, KW, w/butterfly cut-out	750	875	1,000
Henry Randel, 15J, NI, KW, ADJ	250	325	395
Henry Randel, 15J, NI, KW, ADJ, Coin	230	315	375
Henry Randel, 15J, NI, SW, ADJ	275	350	425
G. A. Read, 7J, gilded, SW or KW	195	240	295
Edwin Rollo, 15J, gilded, KW	160	190	225
Royal Gold, Am. W., N. Y., 15J, KW	375	460	550

U. S. WATCH CO., MARION, 18 SIZE (continued)

United States Watch Co., 18 size, 19 jewels, gold jewel settings, key wind & pin set, serial number 24054.

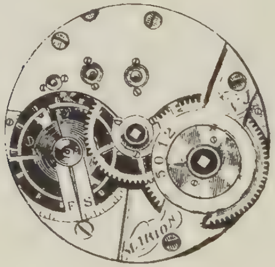
A.H. Wallis, 18 size, 17 jewels, transition model with key & stem wind, serial number 19322.

Grade or Name — Description	Avg	Ex-Fn	Mint
Rural New York, 15J, gilded, KW, KS	275	320	385
Rural New York, 15J, gilded, KW, KS, Coin	250	300	350
Fayette Stratton, 15J, Coin	250	325	400
Fayette Stratton, 15J, gilded, KW	275	350	425
Fayette Stratton, 15J, gilded, SW	300	390	475
United States Watch Co., 19J, NI, GJS, HCIP, KW ★ ★ ★	750	950	1,150
United States Watch Co., 19J, NI, GJS, HCIP, SW ★ ★ ★	995	1,200	1,450
United States Watch Co., 19J, GJS, HCI5P, 18K, HC, dial movement and case all marked, pin set ★ ★ ★	4,000	4,500	5,000
A. H. Wallis, 17J, NI, HCIP, KW	325	375	450
A. H. Wallis, 17J, NI, HCIP, SW	400	450	525
I. H. Wright, 11J, gilded, KW, SW	195	235	295
Young America, 7J, gilded, KW or SW	125	200	240
Any personalized movement w/butterfly cut-out	*200*	*275*	*350*

Note: 18S, ¾ plate are scarce.

14 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Royal Gold American Watch, N. Y., 15J, ¾, KW	$275	$360	$450



United States Watch Co., 10 size, 7-17 jewels, key wind & set from back.

12 OR 10 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Empire City Watch Co.	$150	$200	$250
Chas. G. Knapp, 15J, gilded	150	200	250
North Star, 7J, ¾	150	200	250
R. F. Pratt, 15J, gilded	150	200	250
United States Watch Co., 19J, GJS, KW, NI	500	600	700
United States Watch Co., 19J, GJS, SW, NI	575	675	775
A. H. Wallis, 19J, KW, KS, HC	400	500	600
A. H. Wallis, 19J, KW, KS, HC, Coin	400	500	600

U. S. WATCH CO.
OF WALTHAM

Waltham, Massachusetts
1884 — 1905

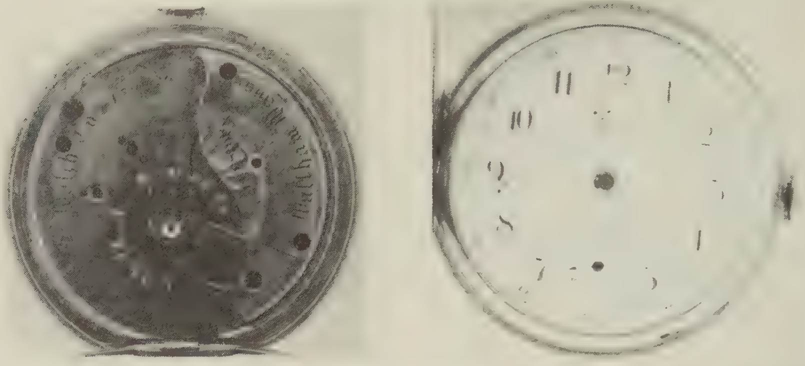
The business was started as the Waltham Watch Tool Co. in 1879. It was organized as the United States Watch Co. in 1884. The first watches were 16S, ¾ plate pillar movement in three grades. They had a very wide mainspring barrel (the top was thinner than most) which was wedged up in the center to make room for the balance wheel. These watches are called dome watches and are hard to find. The fork was made of an aluminum alloy with a circular slot and a square ruby pin. The balance was gold at first as was the movement which was a slow train, but the expansion balance was changed when they went to a quick train. The movement required a special case and proved unpopular. By 1887, some 3,000 watches had been made. A new model was then produced, a 16S movement that would fit a standard case. These movements were quick train expansion balance with standard type lever and ¾ plate pillar movement. The company had a top production of ten watches a day. It was sold to the E. Howard Watch Co. in 1903. The United States Watch Co. produced some 802,000 watches total. Its top grade watch was the "President."

U. S. WATCH CO., WALTHAM
ESTIMATED SERIAL NUMBERS
AND PRODUCTION DATES

Date	Serial No.	Date	Serial No.
1887	3,000	1896	300,000
1888	6,500	1897	350,000
1889	10,000	1898	400,000
1890	30,000	1899	500,000
1891	60,000	1900	600,000
1892	90,000	1901	700,000
1893	150,000	1902	750,000
1894	200,000	1903	800,000
1895	250,000		

U. S. WATCH CO., WALTHAM, MASS.
18 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Express Train, 15J, OF, ADJ	$125	$155	$180



The President, movement and dial, 18 size, 17 jewels, nickel movement, double sunk dial, "The President" on dial and movement, serial number 150020.

Grade or Name — Description	Avg	Ex-Fn	Mint
The President, 17J, HC ★★	400	550	650
The President, 21J, GJS, HCI6P, DR, 14K ★	400	550	650
The President, 17J, GJS, HCI6P, DR, NI, DMK, OF ★	375	450	550
39 (HC) & 79 (OF), 17J, GJS, ADJ, NI, DMK, HCI5P, BRG	95	115	135
40 (HC) & 80 (OF), 17J, GJS	75	95	125
48 (HC) & 88 (OF), 7J, gilded, FULL	60	85	120
48 (HC) & 88 (OF), 7J, gilded, FULL, Silveroid	40	50	65
52 (HC)	65	95	150
92 (OF), 17J, Silveroid	40	50	65
52 (HC) & 92 (OF), 17J	65	95	125
53 (HC) & 93 (OF), 15J, NI, FULL, DMK	60	90	120
54 (HC) & 94 (OF), 15J	55	75	100
56 (HC) & 96 (OF), 11J	50	70	90
57 (HC) & 97 (OF), 15J	60	80	100
58 (HC) & 98 (OF), 11J, NI, FULL, DMK	50	60	75

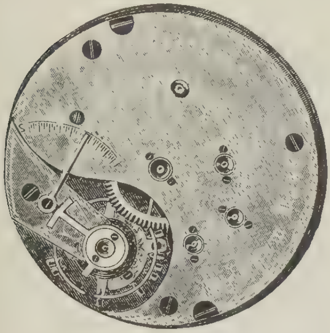
Prices are with gold filled cases except where noted.)

NOTE: Some grades are not included. Their values can be determined by comparing with similar models or grades listed.

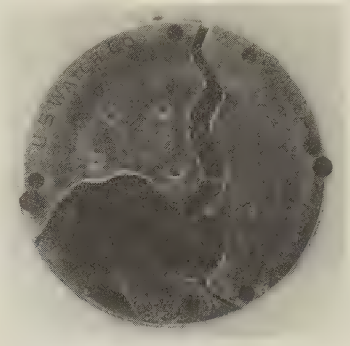
16 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Dome Plate Model, 7J, gilded ★★	$175	$200	$250
Early KW-KS, 7J, S# below 100	400	500	600
103, 17J, NI, ¾, ADJ	90	110	125
104, 17J, NI, ¾	75	85	95
104, 17J, NI, ¾, Silveroid	55	65	75
105, 15J, NI, ¾, HC	70	80	90
105, 15J, NI, ¾, OF	65	75	85
105, 15J, NI, ¾, Silveroid	50	60	70
106, 15J, gilded, ¾, Silveroid	30	40	55

Grade or Name — Description	Avg	Ex-Fn	Mint
106, 15J, gilded, ¾	45	60	75
108, 11J, gilded, ¾	40	60	75
109, 7J, NI, ¾	40	50	65
110, 7J, ¾, HC	40	50	65
110, 7J, ¾, OF	40	50	65



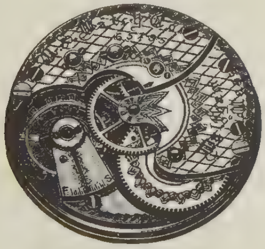
U.S. Watch Co., 16 size, 15 jewels, three-quarter plate.



U.S. Watch Co., 16 size, 7 jewels, "A New Watch Company At Waltham, Est'd 1885" on movement, serial number 770771.

6 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
60, 17J, GJS, NI, ¾, HCI3P	$80	$95	$135
60, 17J, GJS, NI, ¾, HCI3P, OF, 14K	275	300	325
62, 15J, NI, ¾	60	75	95
63, 15J, gilded	50	60	75
64, 11J, NI	40	50	60
65, 11J, gilded	35	45	55
66, 7J, gilded	35	45	60
66, 7-11J, NI, ¾	50	65	80
68, 16J, GJS, NI, ¾	85	100	130
69, 7J, NI, HC	45	55	75
69, 7J, NI, OF	40	50	70



Grade 64, 6 size, 11 jewels.

0 SIZE

Grade or Name — Description	Avg	Ex-Fn	Mint
Betsy Ross	$85	$125	$150
U. S. Watch Co., 15J, HC	75	95	135

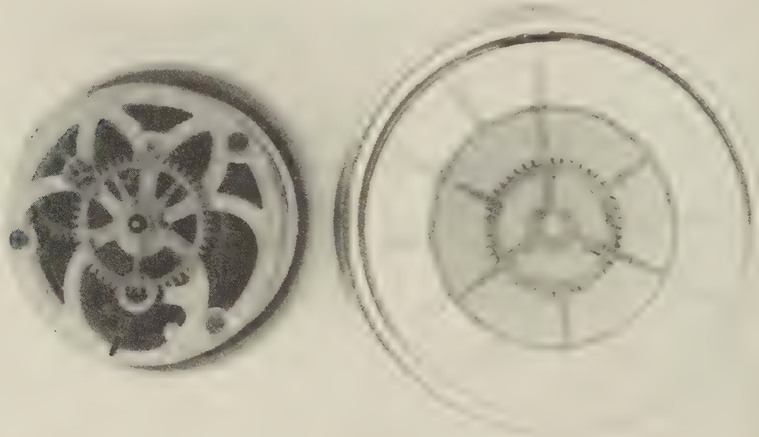
THE WASHINGTON WATCH CO.

Washington, D. C.

1872 — 1874

J. P. Hopkins was better known as the inventor of the Auburndale Rotary Watch but he was also connected with the Washington Watch Co. which made about fifty watches. They were 18S, key wind, ¾ plate and had duplex escapements. Before Hopkins came to Washington Watch Co. he had made by hand about six fine watches. Most of the materials used to produce their watch movements were purchased from the Illinois Watch Co.

Grade or Name — Description		Avg	Ex-Fn	Mint
18S, 15J, ¾, KW, KS	★ ★ ★	$850	$1,400	$2,000



Example of a **Waterbury Long Wind** movement and dial. Note six spokes on dial.

WATERBURY WATCH CO.

Waterbury, Connecticut

1879 — 1898

The Waterbury Watch Co. was formed in 1880, and D. A. Buck made its first watch. The watches were simple and had only fifty parts. The mainspring was about nine feet long and coiled around the movement; it had a two-wheel train rather than the standard four-wheel train. The Waterbury long wind movement revolved once every hour and had a duplex escapement. The dial was made of paper, and the watch was priced at $3.50 to $4. Some of these watches were used as giveaways.

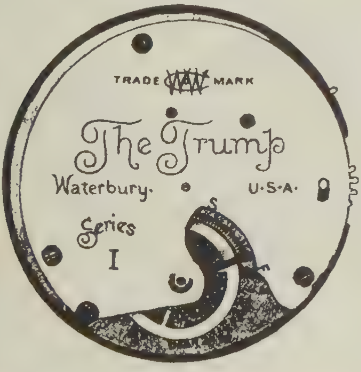
Chronology of the Development of Waterbury Watch Co.:
Waterbury Watch Co., Waterbury, Conn. — 1879-1898
New England Watch Co. — 1898-1912
Sold to Ingersoll — 1914

Example of basic **Waterbury Watch Co.** movement, Series C.

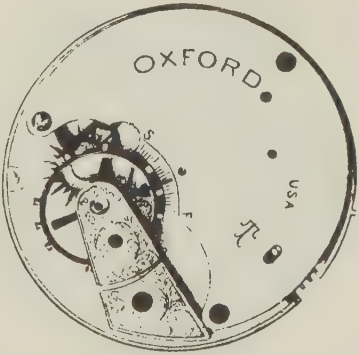
Series L, Waterbury W. Co. Duplex Escapement, about 18 size.

18 TO 0 SIZES

Grade or Name — Description	Avg	Ex-Fn	Mint
Long wind, skeletonized, 3 spokes ★	$300	$350	$495
Long wind, skeletonized, 4 spokes ★★	500	600	750
Long wind, skeletonized, 6 spokes ★	275	350	400
Series A, long wind, skeletonized ★	275	350	400
Series C, long wind	175	225	275



Series I, The Trump, about 18 size, no jewels, pin lever escapement.



Series T, Oxford Duplex Escapement, about 18 size, no jewels.

WATERBURY WATCH CO., 18 to 0 SIZES (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Series E, long wind (discontinued 1890)	175	225	275
Series H, Columbian Duplex	65	75	85
Series I, Trump, ¾	75	85	95
Series J, Americus Duplex	75	85	95
Series K, Charles Benedict Duplex	85	95	110
Series L, Waterbury W. Co. Duplex	65	85	110
Series N, Addison Duplex	50	60	70
Series P, Rugby Duplex	75	85	110
Series R, Tuxedo Duplex	60	75	90
Series S, Elfin	50	60	70
Series T, Oxford Duplex	50	60	75
Series W, Addison	45	50	60
Series Z	45	65	75
Oxford	45	70	80
The Trump	40	65	75
Waterbury W. Co., 7J, ¾, low Serial No.	200	325	375

NOTE: Dollar watches must be in running condition to bring these prices.

WESTCLOX

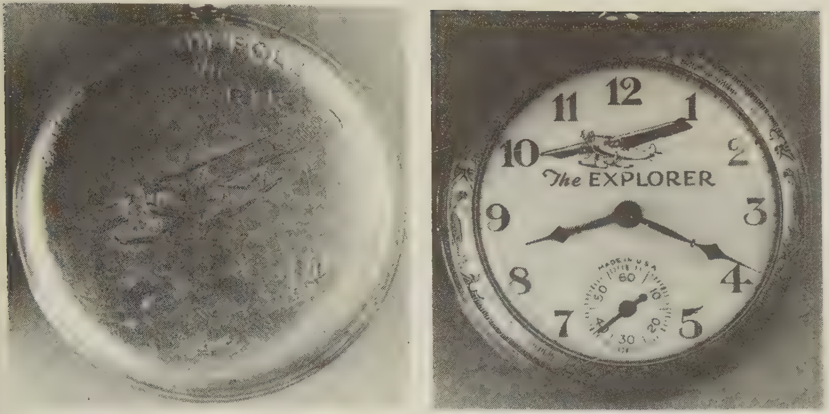
United Clock Co.
Westclox & Western Clock Co.
General Time Corp.

Athens, Georgia
1899 — Present

The first Westclox pocket watch was made about 1899; however, the Westclox name did not appear on their watches until 1906. In 1903 they were making 100 watches a day, and in 1920 production was at 15,000 per day. This company is still in business today in Athens, Georgia.

Example of a basic **Westclox** movement, stem wind, back set.

Example of a basic **Westclox** movement, stem wind & set.



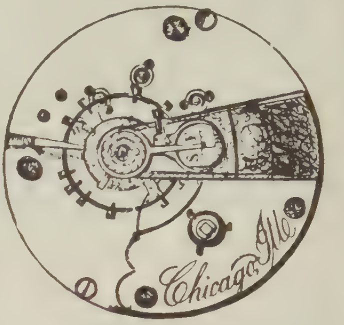
Explorer, back of case and dial, "Wings Over The Pole, The Explorer" on back of case.

Grade or Name — Description	Avg	Ex-Fn	Mint
M#1, SW, push to set, GRO	$40	$45	$50
M#2, SW, back set, GRO	30	40	50
18S, Westclox M#4, OF, GRO	35	45	55
1910 Models to 1920, GRO	30	40	50
Anniversary	25	35	50
Antique	15	20	25
Boy Proof	25	35	50
Bingo	25	35	50
Bulls Eye (several models)	5	20	35
Country Gentleman	35	40	50
Dax (many models)	5	15	25
Elite	20	25	35
Everbrite (several models)	10	15	25
Explorer	50	60	70
Farm Bureau	25	30	35
Glo Ben	25	30	35
Ideal	25	30	35
Lighted Dial	15	20	25
Mark IV	35	40	50
Maxim	25	30	35
Mickey Mouse (1960 to Present)	25	30	35
Military Style, 24 hour	50	60	75
Mustang	35	40	50
NAWCC, ETP 1,000	25	30	35
Pocket Ben (many models)	15	30	50
Ruby	20	25	35
Scotty (several models)	5	10	20
Smile	20	25	35
Sun Mark	25	30	35
Team Mate (various major league teams)	15	20	25
Tele Time	15	20	25
Texan	25	30	35

WESTCLOX (continued)

Grade or Name — Description	Avg	Ex-Fn	Mint
Tiny Tim	25	30	35
Victor	75	95	120
Vote	20	25	30
Westclox	10	15	20
Zep	150	200	300

Zep, about 16 size with radiant numbers and hands, c. 1929.



Example of a **Western Watch Co.** movement, 18 size, 15 jewels, key wind & set.

WESTERN WATCH CO.

Chicago, Illinois
1880

Albert Trotter purchased the unfinished watches from the California Watch Co. Mr. Trotter finished and sold those watches. Later he moved to Chicago and, with Paul Cornell and others, formed the Western Watch Company. Very few watches were completed by the Western Watch Co.

Grade or Name — Description	Avg	Ex-Fn	Mint
Western Watch Co., 18S, FULL ★★★	$1,000	$1,300	$1,650

WICHITA WATCH CO.

Wichita, Kansas
July, 1887 — 1888

This company completed construction of their factory in Wichita, Kansas in June 1888, and only a half dozen watches were produced during the brief period the company was in operation. The president was J. R. Snively. These watches are 18S, half plate, adjusted, 15 jewels.

Grade or Name — Description	Avg	Ex-Fn	Mint
18S, 15J, ½ plate, ADJ ★★★	$2,000	$2,600	$3,200

POCKET WATCH TERMINOLOGY

ACCURACY—Precision, free from error, exact; the atomic clock is accurate to within one second in 3,000 years. Watches are less accurate than clocks due to their portability. The hairspring provides the watch with its accuracy.

ADJUSTED—Some watches are engraved with the word "adjusted" on the movement. It means adjusted to compensate for temperature, positions, and isochronism.

ALARM WATCH—A watch that will give an audible sound at a pre-set time.

ANNEALING—Heating and cooling a metal slowly to relieve internal stress.

ARBOR—Shaft or axle; on the balance it is called the "staff," on the lever it is called the arbor.

ASSAY—Analyzing a metal for its gold or silver content.

AUTOMATION—Animated mechanical objects and figures; e.g., a windmill.

AUXILIARY COMPENSATION—Additional temperature compensators found on marine chronometers.

BALANCE COCK—The bridge that holds one of the bearing points of the balance.

BALANCE SPRING—Also called the hairspring; the spring governing the balance.

BALANCE STAFF—The Shaft, or arbor, or axle, of the balance wheel.

BALANCE WHEEL—A device shaped like a wheel that does for a watch what a pendulum does for a clock: it gives impulses to the escapement which allow the mainspring to let down at even intervals.

BANKING PIN—A stop designed to prevent excessive motion of a lever or fork.

BARREL—Drum-shaped container that houses the mainspring. A going barrel has teeth around the top or bottom and drives the gears.

BASSE-TAILLE—A translucent enamel laid over an engraving.

BEAT—Refers to the tick or sound of a watch; about 1/5 of a second. The sound is produced by the escape wheel striking the pallets.

BELL METAL—Four parts copper and one part tin used for metal laps to get a high polish on steel.

BEZEL—The rim that covers the dial (face) and holds the crystal.

BI-METALLIC BALANCE—A balance designed to compensate for changes in temperature; made of a strip of brass and steel usually.

BISEAUTAGE—The grinding of a crystal to size it to fit a bezel.

BLIND MAN'S WATCH—A Braille watch.

BLUING—By heating steel to about 540 degrees, the color will change to blue.

BOX CHRONOMETER—A marine or other type chronometer in gimbals so the movement remains level.

BOX JOINTED CASE—A heavily hinged decorative case with a similated joint at the top under the pendant.

BOW—The ring that is looped at the pendant to which a chain or fob is attached.

BREGUET SPRING—A type of hairspring that improves timekeeping (See Overcoil).

BRIDGE—A metal bar which carries the pivot for the balance or other pivot-bearing gears.

BULL'S EYE CRYSTAL—Used on old watches; the center of the crystal was polished to achieve a bull's eye effect. (Also see Frettage.)

CALENDAR WATCH—A watch that shows the date; some also show the month, day, A.M. or P.M., and other information.

CAP JEWEL—Also called the endstone, the flat jewel on which the pivot rests.

CENTER WHEEL—The second wheel; the arbor for the minute hand; this wheel makes one revolution per hour.

CHAIN (Fusee)—Looks like a miniature bicycle chain connecting the barrel and fusee.

CHRONOGRAPH—A movement that can be started and stopped to measure short time intervals and return to zero; also called a stop watch, but a stop watch does not keep the time of day.

CHAMPLEVE—Different colors of enamel baked on dials or cases.

CHRONOMETER—A general name given to a precision watch; they sometimes have detent escapement. Since 1951 no manufacturers have called a watch a chronometer unless it had an official rating certificate with it.

CLEANING SOLUTION—Usually ammonia, oleic acid, and water.

CLICK—A name given to a part that permits the gear to move in one direction; a pawl and ratchet mechanism; a click can be heard as the watch is wound.

CLOCK WATCH—A watch that strikes the hour but not on demand.

CLOISONNE—Enamel set between strips of metal and baked onto the dial.

CLUB TOOTH—Some escape wheels have a special design which increases the impulse and reduces the wear; located at the very tip of the tooth of the escape wheel.

COCK—The metal bar that carries the balance wheel; a bridge.

COARSE TRAIN—16,000 beats per hour.

COMPENSATION BALANCE—A balance wheel designed to correct for temperature.

COMPLICATED WATCH—A watch with complicated works; other than just telling time, it may have a perpetual calendar, moon phases, equinoxes, up and down dial, repeater, musical chimes or alarms.

CONVERTIBLE—Made by Elgin; a means of converting from a hunting case to an open-face watch or vice-versa.

CRAZE (Crazing)—A minute crack in the glaze of enamel watch dials.

CROWN WHEEL—The escape wheel of a verge escapement; looks like a crown.

CURB PINS—The two pins that change the rate of a watch; these two pins, in effect, change the length of the hairspring.

DAMASKEENING—The art of producing a design, pattern, or wavy appearance on a metal.

DEMI-HUNTER—A hunting case with the center designed to allow the position of the hands to be seen without opening the case.

DETENT ESCAPEMENT—A detached escapement. The balance is impulsed in one direction; used on watches to provide great accuracy; found on marine chronometers.

DIAL—The face of a watch. Some are enameled and hand-painted; some are made of gold or silver with diamonds for numbers, etc.

DOLLAR WATCH—Watches that sold for a dollar or close to a dollar ("The watch that made the dollar famous").

DOUBLE ROLLER—One ruby pin and a safety roller—thus two rollers.

DRAW—A lever-type escapement rest in a locked position (to prevent tripping). The pallets are set to draw themselves into the escape wheel.

DUMB REPEATER—One that strikes the hour on the case or block rather than a bell or gong.

DUPLEX ESCAPEMENT—The escape wheel has two sets of teeth, one for locking and one for impulse.

EARNSHAW BALANCE—A bi-metallic balance of brass and steel, invented by Thomas Earnshaw.

ECCENTRIC—Non-concentric; usually a cam.

ELECTRONIC WATCH—Newer type watch using quartz and electronics to produce a high degree of accuracy: accurate within a few seconds a month and accurate to within a minute in a year.

ELINVAR—A hairspring made of a special alloy that does not vary at different temperatures and is not affected by magnetism: nickel, steel, chromium, manganese and tungsten.

END STONE—The jewel or cap at the end of the shaft that covers the works, helps to keep out dust.

ENGRAVING—Cutting away to form a pattern.

EPHEMERIS TIME—The time calculated for the Earth to orbit around the sun.

ESCAPE WHEEL—The last wheel in a going train; works with the fork or lever and escapes one pulse at a time.

ESCAPEMENT—The mechanism that controls the rate the mainspring is allowed to unwind.

FARMER'S WATCH—A large pocket watch with a verge escapement and a farm scene on the face or dial.

FIVE-MINUTE REPEATER—A watch that denotes the time every five minutes, and on the hour and half hour, by operating a slide.

FLETTAGE—The grinding away of the convexed portion of a crystal to make it flat across the face; this resulted in a thin middle for the crystal. (Also see Bulls-Eye Crystal.)

FLINQUE—Enameling over hand engraving.

FLY BACK—The hand return back to zero on a timer.

FOB—A decorative short strap or chain.

FORK—The end of the lever next to the balance.

FREE SPRUNG—A balance spring free from the influence of curb pins. Curb pins tend to destroy isochronism.

FUSEE—A system used in older-type watches; a fusee leverage in creases as the mainspring unwinds or lets down.

FULL PLATE—A plate (or disc) that covers the works and supports the wheel pivots. There is a top plate, a bottom plate, half plate, and ¾ plate. The top plate has the balance resting on it.

GILT (or Gild)—To coat with gold leaf or a gold color.

GOING BARREL—The barrel houses the mainspring; as the spring uncoils, the barrel turns, and the teeth on the outside of the barrel turn the train of gears.

GOLD-FILLED—Sandwich-type metal: a layer of gold, a layer of base metal, another layer of gold—then the metals are soldered to each other to form a sandwich.

GOLD JEWEL SETTINGS—In high-grade watches the jewels were mounted in gold settings.

GREAT WHEEL—The main wheel of a fusee type watch.

HACK-WATCH—A watch with a balance that can be stopped to allow synchronization with another timepiece.

HAIRSPRING—The balance spring; a very fine or thin spring, thin as a hair. The hairspring is fixed to the balance staff and gives the balance the pulse.

HALLMARK—The British silver or gold assay marker stamp. It gave the place (town), quality marks, maker's mark, and year.

HELICAL HAIRSPRING—A cylindrical spring used in marine chronometers.

HOROLOGY (pronounced Haw-RAHL-uh-jee)—The study of timekeeping or the science of time.

HUNTER CASE—A pocket watch case with a covered face that must be opened to see the watch dial.

IMPULSE—A small amount of force given to the balance, which keeps the balance moving.

IMPULSE PIN—(Ruby pin) A pin on the balance which keeps the balance going (roller pin).

INDEX—A regulator that can alter the length of the hairspring through means of a lever that moves two curb pins.

ISOCHRONISM—"Isos" means equal; "chronos" means time—occurring at equal intervals of time. The balance should not vary in its swing. The watch will not run any faster one hour after it is wound than it will 24 hours later.

JEWEL—A bearing made of a ruby or other type jewel.

KEY SET—Older watches that had to be set with a key.

KEY WIND—A key used on earlier watches to wind the watch (crank).

KARRUSEL (Kar-oo-zell)—A style or type similar to a tourbillion; the movement rotates its position in an effort to solve the error of vertical position.

LEAVES—The teeth of the pinion gears.

LEVER ESCAPEMENT—The part between the escape wheel and balance wheel; the most successful of all the escapements.

LOCKING—Holding the escape wheel (lock) while the balance swings around.

MAINSPRING—A flat spring coiled or wound to supply power to the watch. If it were not for the mainspring the watch would not be portable. The unbreakable main is made of iron, nickel, chromium, cobalt, molybdenum, manganese, and beryllium. The non-magnetic mainspring was introduced in 1947.

MAIN WHEEL—The first driving wheel, part of the barrel.

MARINE CHRONOMETER—An accurate timepiece; has a dent escapement and sets in a box with gimbals which keep it in a right position; may have up and down dial.

MEAN TIME—Also equal hours; average mean solar time; the time shown by watches; hours shown by sundials vary in length. When time was averaged into equal hours, this was called mean time.

MICROMETRIC REGULATOR—A regulator used on railroad grade watches to adjust for gain or loss in a very precise way.

MICROSECOND—A millionth of a second.

MILLISECOND—A thousandth of a second.

MINUTE REPEATER—A watch that strikes or sounds the hours, quarter hours, and minutes on demand by moving a slide.

MOVEMENT—The works of a watch.

MUSICAL WATCH—A watch that plays a tune on demand or on the hour.

MULTI-GOLD—Different colors of gold—red, green, white, blue, pink, yellow, and purple.

NANOSECOND—One billionth of a second.

NATIONAL ASSOCIATION OF WATCH AND CLOCK COLLECTORS—Formed in 1943 to stimulate interest in the study and collecting of timepieces. Mailing address: N.A.W.C.C., P. O. Box 33, Columbia, PA 17512.

NON-MAGNETIC—Resistant to magnetism; not affected by magnetic forces.

OIL SINK—A small well around a pivot which retains oil.

OVERCOIL—A hairspring with the outer quarter-turn raised and curved toward the center. The overcoil prevents the spring from twisting.

PAIR-CASE WATCH—An extra case around a watch—two cases, thus a pair of cases. The outer case kept out the dust. The inner case could not be dustproof because it provided the access to winding the watch.

PALLET—The part of the lever that works with the escape wheel—jewelled pallet stones, entry pallet and exit pallet.

PARACHUTE—An early shockproofing system designed to fit as a spring on the endstone of balance.

PENDANT—The neck of the watch; attached to it is the bow (swing ring) and the crown.

PILLARS—The rods that hold the plates apart. In old watches they were fancy.

PINION—The large gear is called a wheel. The small solid gear is a pinion. The pinion is made of steel in some watches.

PLATE—A watch has a front and a back plate or top and bottom plate. The works are in between.

POISE—A term meaning "in balance."

PONTILLAGE—The grinding of the center of a crystal to form a concave.

POSITION—As adjusted to five position; a watch may differ in its timekeeping accuracy as it lays in different positions. Due to the lack of isochronism, changes in the center of gravity, a watch can be adjusted to six positions: dial up, dial down, stem up, stem down, stem left, and stem right.

QUICK TRAIN—A watch with five beats per second or 18,000 per hour.

REPEATER WATCH—A complicated pocket watch that repeats the time on demand with a sounding device.

REPOUSSE—A watch with a decorative design embossed on the case.

ROLLED GOLD—Thin layer of gold soldered to a base metal.

SAFETY PINION—A pinion in the center wheel designed to slip if the mainspring breaks; this protects the train from being stripped by the great force of the mainspring.

SIDEREAL TIME—The time of rotation of the Earth as measured from the stars.

SIDE-WINDER—A mismatched case and movement; a term used for a hunting movement that has been placed in an open face case and winds at the 3 o'clock position. With an open face movement the pendant should be at the 12 o'clock position.

SILVEROID—a type of case composed of various metals.

SIZE—Systems used to size the movement to the case.

SKELETON WATCH—A watch made so the viewer can see the works. Plates are pierced and very decorative.

SLOW TRAIN—A watch with four beats per second or 14,000 per hour.

SNAILING—Ornamentation of the surface of metals by means of a circle design; sometimes called damaskeening.

SOLAR YEAR—365 days, 5 hours, 48 minutes, 49.7 seconds.

STACK FREED—Curved spring and cam to equalize the uneven pull of the mainspring.

STAFF—Name for the axle of the balance.

TIMING SCREWS—Small screws on the rim or side of the balance to adjust the rate of the balance to go either slower or faster.

TOP PLATE—The metal plate in the back of a movement that houses the gears. This plate usually contains the name and serial number.

TOURBILLON—A watch with the escapement mounted on a platform which revolves once a minute. This is to compensate for various positions. Also called a revolving carriage.

TORSION—A twisting force.

TRAIN—A series of gears that form the works of a watch. The train is used for other functions such as chiming. The time train carries the power to the escapement.

UP AND DOWN DIAL—A dial that shows how much of the mainspring is spent and how far up or down the mainspring is.

VERGE ESCAPEMENT—Early type of escapement with wheel that is shaped like a crown.

WATCH PAPER—A disc of paper with the name of the watchmaker or repairman printed on it; used as a form of advertising and found in pair-cased watches.

WHEEL—The gears of a watch. The wheels have teeth on pinions called leaves.

WIND INDICATOR—A dial that shows how much of the mainspring is spent.

WOLF TEETH—A winding wheel's teeth, so named because of their shape.

PROTECTING ANTIQUE WATCH MOVEMENTS

Many collectors of antique watches have purchased movements without cases. One cause is rooted in the Great Depression of the 1930s when watchmakers stripped the movements from pocket watches which had been traded for the increasingly popular wrist watch. The pocket watch cases were sold for their gold content. The movements, being respected as fine pieces of workmanship, were stored for use as parts. This devastating occurrence has been repeated during the last five years as the price of gold reached unprecedented levels, and many cases were once again scrapped for the gold content.

A display watch case is one excellent way to handle antique pocket watch movements. These cases hold the movements securely and protect the hands, dial, and movement from accidental damage due to moisture or dropping. This type of case, which has see-through panels on both the front and back, permits the collector to show a prospective buyer the face and back of the movement without exposing it to dirt or taking a chance of damage.

An antique watch movement can also be protected during travel with an inexpensive clear plastic shipping case which is available in both 18 size and 16 size (the 16 size will also adapt to the 12 size movement). These cases can be obtained from McGinnis Brothers, Ind., Box 442, Greenville, PA 16125.

MOVEMENT NAME VS. TRUE MANUFACTURER

Many watch companies produced watches with names other than their own. The following list is a cross index matching these names with the true manufacturer. In most instances watches bearing these names will have to be priced in comparison to similar sizes, models and grades of the parent company.

Name on Movement	**Manufacturer**
Acme W. Co.	Trenton
Albany W. Co.	Trenton
Algier W. Co.	Trenton
American General	N. Y. Std.
Am. Waltham W. Co.	Am. Watch Co. (Waltham)
Appleton, Tracy & Co.	Am. Watch Co. (Waltham)
Athletic W. Co.	Trenton
Atlas Watch Co.	Elgin
Ariston Watch Co.	Illinois
Bannatyne	Ingram
Benjamin Franklin	Illinois
Burlington W. Co.	Illinois
Capitol Watch Co.	Illinois
Century USA	Seth Thomas
Club Watch Co.	South Bend
Colonial USA	Seth Thomas
Columbia USA	N. Y. Std.
Corona W. Co.	Seth Thomas
Cosmopolitan Watch Co.	Illinois
Crown W. Co.	N. Y. Std.
Des Moines W. Co.	Illinois
Delaware Watch Co.	Ingersoll
Dennison, Howard & Davis	Am. Watch Co.
Diamond Watch Co.	Illinois
Dueber-Hampden W. Co.	Hampden Watch Co.
Dundee W. Co.	Trenton
Eastern Watch Co.	Illinois
Edgemere W. Co.	Sears (several)
Elephant W. Co.	Trenton
Empire City W. Co.	U. S. W. Co. (Marion)
Empire State W. Co.	N. Y. Std.
Engle Nat. W. Co.	Illinois
Equity W. Co.	Am. W. Co. (Waltham)
Excelsior W. Co.	N. Y. Std.
Federal Watch Co.	Illinois
Frederick Atherton & Co.	U. S. W. Co. (Marion)
Garden City Watch Co.	Seth Thomas
Globe Watch Co.	Trenton
Granger W. Co.	Elgin
Grant USA	Illinois
Harvard W. Co.	N. Y. Std.
Hayward	N. Y. Std.
Hiegrade W. Co.	N. Y. Std.
Highland W. Co.	Trenton
Hollers W. Co.	Columbus & Seth Thomas

Name on Movement	**Manufacturer**
Home W. Co.	Waltham
Houston Watch Co.	Illinois
Imperial W. Co.	Trenton
Iowa W. Co.	Illinois
Inter Watch Co.	Seth Thomas
Keyless W. Co.	Unknown
Landis W. Co.	Illinois
LaSalle USA	N. Y. Std.
LeLand W. Co.	Rockford
Leonard W. Co.	New Haven
Liberty USA	Seth Thomas
Lincoln USA	Illinois
Marion W. Co.	U. S. Watch Co. (Marion)
Marvel W. Co.	Trenton
Massachusetts Watch Co.	Unknown
Monarch W. Co.	Illinois & Seth Thomas
National W. Co.	Elgin
New Era USA	N. Y. Std.
New York USA	Seth Thomas
Non-Magnetic W. Co.	Peoria
Paillard Non-Magnetic Watch Co.	Illinois
Pan American USA	N. Y. Std.
Peerless W. Co.	Seth Thomas
Perfection USA	N. Y. Std.
Plymouth W. Co.	Illinois, Rockford, & Seth Thomas
Railroad W. Co.	(Ball) by Hamilton
Reliance W. Co.	Trenton
Remington W. Co.	N. Y. Std.
Republic USA	Seth Thomas
Solar W. Co.	Elgin & N. Y. Std.
Springfield Ill. W. Co.	Illinois
Standard P. W. Co.	Trenton
Standard USA	N. Y. Std. & Seth Thomas
Standard Watch Co. Pa.	Illinois
J. P. Stevens	Aurora, Columbus, Hampden, Illinois & Waltham
Stewart W. Co.	Illinois
Studebaker W. Co.	South Bend
M. S. Smith	Freeport Watch Co.
Sun Dial	Elgin
Syndicate Watch Co.	Rockford
Tracy, Baker & Co.	Am. W. Co. (Waltham)
Union W. Co.	Trenton
Waltham W. Co.	Am. W. Co.
Warren Mfg. Co.	Am. W. Co. (Waltham)
Washington W. Co.	Illinois
Wyoming W. Co.	Seth Thomas & N. Y. Std.

RECOMMENDED READING

Abbott, Henry G. **Abbott's American Watchmaker and Jeweler**, 1910, Hazlitt & Wallace, publishers.

Abbott, Henry G. **The Watch Factories of America Past and Present**, 1981. Reprinted by Adams Brown Co.

Crossman, Charles S. **The Complete History of Watchmaking**. Reprinted from the "Jeweler's Circular and Horological Review" 1885-1887. Distributed by Adams, Brown Company, Exeter, New Hampshire.

Fried, Henry B. **The Watch Repairer's Manual.**

Saunier, Claudius. **Treatise on Modern Horology in Theory and Practice**. Translated by Julien Tripplin, Besancon Watch Manufacturer, and Edward Rigg, M. A., assayer in the Royal Mint. Distributed by Charles T. Branford Co., Newton Centre, Mass. 02159.

Townsend, George E. **American Railroad Watches**. 1977.

Townsend, George E. **Everything You Wanted to Know About American Watches and Didn't Know Who to Ask**. 1971.

Townsend, George E. **The Watch That Made the Dollar Famous**. 1974. Printed by Arva Printers, Inc., Arlington, Va.

"The National Association of Watch and Clock Collectors" bimonthly publication, Columbia, Pa. 17512.

Factory Catalogs by Waltham, Elgin, Hamilton, Rockford, Illinois, Howard, South Bend and others.

Advertising Sales Catalogs by several companies.

MUSEUMS WITH WATCH COLLECTIONS

National Association of Watch and Clock Collectors, 514 Poplar Street, Columbia, Pennsylvania 17512

American Clock and Watch Museum, 100 Maple Street, Bristol, Connecticut.

Time Museum, 7801 East State Street, Rockford, Illinois

Metropolitan Museum of Art, New York, New York

Smithsonian Institute, Washington, D. C.

NATIONAL TRADE ASSOCIATIONS

National Association of Watch and Clock Collectors, Box 33, Columbia Pennsylvania 17512

American Watch Association, 39 Broadway, New York, New York 10016

American Watchmaker's Institute, Box 11011, Cincinnati, Ohio 45211

CURRENT TRADE PERIODICALS PUBLISHED ON A NATIONAL SCALE

American Horologist and Jewelery, 2403 Champa Street, Denver, Colorado 80205

Bulletin, National Association of Watch and Clock Collectors, Box 33, Columbia, Pennsylvania 17512

WATCH DATA AND DESCRIPTION

DATE PURCHASED__________ YOUR I.D. # __________
MAKER, MFG.__________ MFG. SERIAL #__________
AGE______ SIZE______ # OF JEW.______ # OF ADJ. __________
DESIGN__________ PLATES MADE OF __________
SETTING__________ TYPE OF TRAIN __________
TYPE OF ESCAPEMENT __________
I.D. OF MOVEMENT __________
CONDITION OF MOVEMENT __________
____
REPAIRS TO BE MADE __________
____
*PRICE OF REPAIRS__________ *VALUE OF MOVEMENT __________
CASE STYLE__________ CASE MAKER __________
METAL OF CASE__________ WEIGHT OF CASE ONLY __________
CASE CONDITION __________
*PRICE OF REPAIRS__________ VALUE OF METAL __________
CASE ORIGINAL: YES, NO ______ *VALUE OF CASE __________
NAME ON DIAL__________ STYLE OF DIAL __________
TYPE OF DIAL I.D. __________
DIAL MADE OF__________ HAND PAINTED: YES, NO ______
CONDITION __________
*PRICE OF REPAIRS__________ *VALUE OF DIAL __________
PURCHASED WATCH FROM __________
____
____

SPECIAL COMMENTS:
____
____
____
____

***COST:**	***VALUE:**
PRICE PAID__________	VALUE OF MOVE.__________
REPAIRS __________	VALUE OF CASE __________
MISC.__________	VALUE OF DIAL __________
TOTAL COST __________	VALUE OF WATCH __________

PHOTOS HERE

Cooksey Shugart

Tom Engle

ABOUT THE AUTHORS

The third edition of **The Complete Guide to American Pocket Watches** has been co-authored by Cooksey Shugart and Tom Engle.

Mr. Shugart, who compiled and published the highly successful first edition in 1980, has been joined with Mr. Engle, a widely known watch dealer and authority in the field. The third edition contains approximately 30 percent more listings than the second.

Both authors have been avid pocket watch collectors for the past two decades, and both have been vitally interested in seeing a reliable and accurate pocket watch guide produced. "We see this book as an extension of the information we have been gathering for years and take great pride in sharing it with other fans who have a deep and abiding interest in the American pocket watch," the authors stated.

The authors have been long-time members of the National Association of Watch and Clock Collectors and have been students of horology for the last 20 years. Both have specialized in early American and Railroad-type American pocket watches.

The co-authors travel extensively throughout the country to regional meets and shows and keep an up-to-date pulse of the pocket watch market.

Because of the unique knowledge of the market these two co-authors possess, this volume should be considered one of the most authoritative pocket watch references on the market today.

Mr. Shugart resides in Cleveland, Tennessee, and Mr. Engle lives in Louisville, Kentucky.

Advertise in the Guide

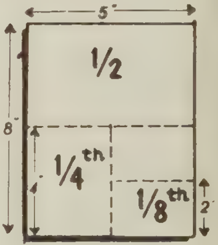
ATTENTION DEALERS: This book will receive world-wide bookstore distribution, reaching thousands of people buying and selling pocket watches. It will also be sold directly to the collector's market as well. In our revised 3rd edition, we will be offering limited advertising space at very reasonable rates. Consider advertising with us. Since the Guide is an annual publication, your ad will pull all year long. Unlike monthly or quarterly publications, your ad will stay active for a much longer period of time at a cost savings to you.

PRINTED SIZES AND RATES

FULL PAGE—8" long x 5" wide.
FOURTH PAGE—4" long x 2½" wide.
HALF PAGE—4" long x 5" wide.
EIGHTH PAGE—2" long x 2½" wide.

Ad rates are set in the late summer prior to each edition's release. Write at that time for rates (between August and September).

NOTE: Submit your ad on white paper in a proportionate version of the actual printed size. All full—quarter page advertisers will receive a complimentary copy of the Guide. The NEW Guide will be professionally done throughout...so to reflect a consistently high quality from cover to cover, we must ask that all ads be neatly and professionally done. Full payment must be sent with all ads. All ads will be run as is.



Ad deadline next edition — October 8

This comprehensive GUIDE is the STANDARD REFERENCE WORK in the field and is distributed to thousands of collectors throughout the world. Don't miss this opportunity to advertise in the Guide.

NOTICE: All advertisements are accepted and place in the Guide in good faith. However, we cannot be held responsible for any losses incurred in your dealings with the advertisers. If, after receiving legitimate complaints, and there is sufficient evidence to warrant such action, these advertisers will be dropped from future editions.

OVERSTREET PUBLICATIONS, INC.
780 Hunt Cliff Drive, N.W.
Cleveland, Tennessee 37311
(615) 472-4135

ANTIQUE WATCH CO. OF ATLANTA

–REPAIR–

Antique Watch Company of Atlanta is an established company specializing in the *RESTORATION* of *"CAN'T BE FIXED"* and complicated Pocket and Wrist Watches including Railroads, Fusees and Repeaters. *ALL WORK GUARANTEED. ESTIMATES FREE OF CHARGE.*

– WHOLESALE – RETAIL –

– PARTS – APPRAISALS – SALES –

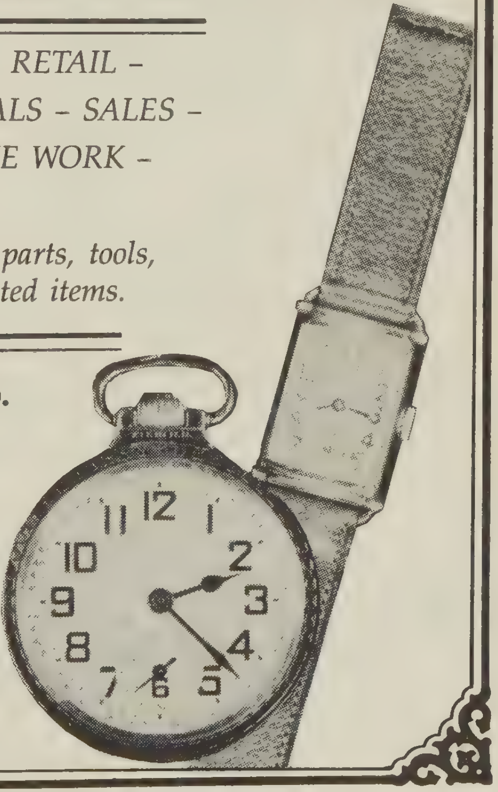
– CUSTOM LATHE WORK –

Also buying watches, parts, tools, advertising and related items.

Antique Watch Co.
of Atlanta
5312-10 Buford Hwy.
Doraville, GA 30340

Ship Registered Mail To:
P.O. Box 47397
Atlanta, GA 30362

RUSTY TUGGLE
404-457-9686



WINGATE'S QUALITY WATCHES

QUALITY WATCHES BOUGHT & SOLD THROUGH THE MAIL

For over five years Wingate's Quality Watches has offered one of the most complete monthly mail order listings of quality pocket watches in the United States and Canada.

We also offer listings of repairable pocket watches, movements and parts approximately four times a year. The Mechanic Special listings are very popular with dealers, watchmakers and collectors!

PLEASE CONSIDER OUR SERVICES!

Wingate's Quality Watches purchases, trades and sells quality watches throughout the United States and Canada. Purchasing quality watches through the mail from us makes the possibilities for enhancing your collection unlimited! As a collector, you will no longer be dependent upon purchasing watches in your area alone.

Doing business with Wingate's Quality Watches can be done with complete confidence and is very convenient.

FAIR PRICES PAID

We are always interested in purchasing a single watch or an entire collection. If you have any watches for sale, we want to hear from you!

SEND FOR FREE LIST

Please send me your name and current mailing address for monthly mailing lists of antique watches.

Now you can call us **TOLL FREE** from anywhere in the Continental U.S. (except Texas) in regards to sales of quality individual pieces, collections, and for purchasing watches from our inventory.

1 - 800 - TIC-TOCK (842-8625)
OR (214) 620-9520 in TEXAS

ROBERT M. WINGATE
P.O. BOX 59760 • DALLAS, TEXAS 75229

WATCHMAKER HOROLOGIST MEMBER NAWCC (#48803) AWI

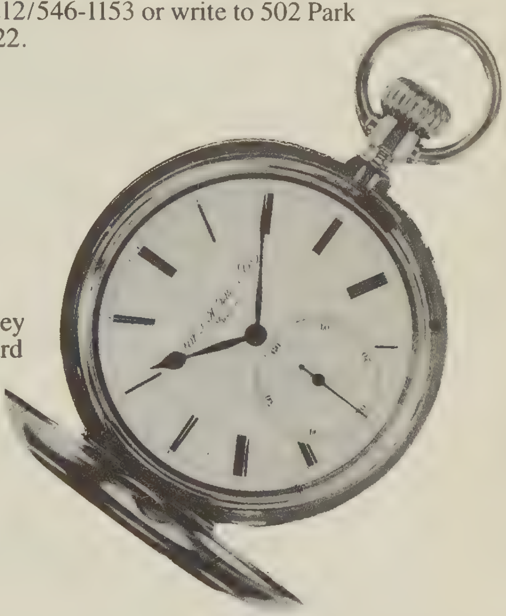
Why let your watch languish in retirement.

Don't keep the pocket watch your grandfather gave you hidden away in a drawer—it may have more than a sentimental value.

Christie's watch specialist, Jonathan Snellenburg, will be pleased to give written appraisals and accept consignments of watches, clocks and scientific instruments for future sales.

This gold Hunter cased pocket chronometer, no. 14 by Albert H. Potter & Co., sold in New York on October 24, 1983 for $28,600.

For further information about Christie's watch auctions, please call Jonathan Snellenburg at 212/546-1153 or write to 502 Park Avenue, New York, N.Y. 10022.



To order an annual subscription to Christie's watch auctions, send this coupon with your check, money order or American Express card information to:

Christie's Catalogues
21-24 44th Avenue
Long Island City, NY 11101

Please send me ______ subscription(s) at $25 each to the Clocks, Watches and Scientific Instruments catalogue series.

______ Total

American Express Card

Member's Number______________

Card Valid From________To________

Name______________

Address______________

City________State________Zip________

(New York and California residents, add applicable sales tax.)

CHRISTIE'S 1766

CHRISTIE'S
NEW YORK

CUSTOM MADE WATCH SUITCASES

SUITCASE #1

This quality case is very ideal for the beginning collector, who has a dozen or so watches. It holds 31 watches, including 7 large 18 sizes to 20 sizes; 16, 16 size . . . 8 for 6s - 12s watches and one place for chains. An excellent mix for the watch collector. Black.

Measures 17½" x 11½" x 3¼"

Inflation Fighter Price . . . **$21.00**

SUITCASE #2

This suitcase contains 62 holes and of the best quality for the price. This comes with four extra places for chains and fobs. It's very durable and has extra large snaps and locks. Black.

Measures 18" x 12" x 4"

— Sale Priced at . . . **$33.95**

SUITCASE #3

This suitcase is the same as #2 but has three layers of foam and holds 93 watches.

Measures 18" x 12" x 5"

— Now **$49.50**

DEALER'S TRAYS #5

This dealer's tray holds 15 watches and has two places for chains, fobs or keys. Black.

Measures 15" x 8½" x 1½"

$7.95

Please include $1.50 for postage and handling.

CRISS COINS

125 N. ALMONT AVE. IMLAY CITY, MI 48444

Ph. (313) 724-1550

Place your ad before thousands of readers:

We are now accepting advertising in

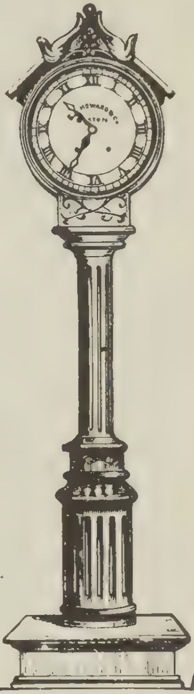
CLOCKS
A Guide to Identification and Prices

200 pp. 8½×11 perfect bound ...
with four color process cover

Selling books is our business; we know which books will sell and how to sell them.

Limited amount of space available — reserve yours now!
Call Tran Duy Ly at (202) 296-6750, or write

arlington book co.
P.O. Box 327
Arlington, Virginia 22210-0327 u.s.a.



Large selection of wrist and pocket-watches; open and closed face American-made and Imports. From 7 J. to 23 J.; 20 year cases to 14K, 18K, and platinum cases. Wrist-watches in 14K and platinum - set w/diamonds. 2 week return privilege.

Gala Jewelers, Inc.
226 Fifth Ave.,
McKeesport, Pa., 15132
(412) 672-9631

U.S. NAVY U.S. NAVY U.S. NAVY

U.S. NAVY U.S. NAVY U.S. NAVY U.S. NAVY

NAUTICAL TIMEPIECES

I am a collector of ships clocks, chronometers, deck watches and navigator watches I will buy these items or parts, movements or cases for same.

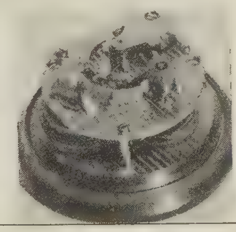
I am especially interested in older items; those of World War II vintage or prior, whether of U.S. or foreign origin. World War II items marked U.S. Navy are very desirable.

Occasionally I have duplicates in my collection which I will sell.

LELLAND M. FLETCHER, DDS
3737 Moraga Ave.
San Diego, CA 92117
Tel: (714) 273-3181/275-0161
Member NAWCC #48592

U.S. NAVY U.S. NAVY U.S. NAVY U.S. NAVY

U.S. NAVY U.S. NAVY U.S. NAVY



Attention $$$$$ Cash Paid $$$$$ Attention

For some price we will buy collections of any type — as long as they don't eat!!! and won't spoil in 30 days.

EXAMPLES

Antique Guns
Swords
Military Daggers
Metals
Foreign Money
Coins - U.S.
Antique Pocket Watches
Indian Relics
Pocket Knives
Stamps
Fine Estate Jewelry & Antiques
Any Sterling Silver or Gold Items

WE WILL BUY FOR CASH OR TRADE KNIVES

If you have a collection, and are interested in selling or trading, please feel free to call us at (615)-453-5871.

Contact "Pigeon Forge Fats" or "The White Haired Wonder"

We have thousands of knives and related items in stock. Send for our giant catalog — it's free!!

SMOKY MOUNTAIN KNIFE WORKS

204 Parkway
SEVIERVILLE, TENNESSEE 37862

E. HOWARD & CO.'S
KEY AND STEM-WINDING WATCHES.

A perfect marriage of Mother Nature and Father Time . . .

The E. HOWARD & CO. watch.

A Howard combines America's best watch movement of the 19th century with a case of solid gold or silver. Mr. Howard, father of the U.S. watchmaking industry, engineered all his watches for precision and high-grade. Affluent Victorians were drawn to the classic beauty and consistent excellence of the Howard watch. Today, E. Howard & Co. (1857-1903) stands as America's unquestioned luxury watch of the 19th century, a pinnacle of American craftsmanship. Unfortunately, relatively few of these gems of America's past are now available. Bob's Coins of Manchester, however, makes a specialty of locating rare all-original Howard watches for the discriminating. To be placed on their Howard sales list write c/o Robert A. Lavoie, Dept. 84.

BOB'S COINS of MANCHESTER
378 Kelley St. • Manchester, NH 03102 Tel: 603 669-7775

Circa 1890 photo of the Lower Creede mining town courtesy Minerals Engineering Co.

— WANTED —

Immediate Cash Paid for Any American

6 oz. • 8 oz. • 10 oz.

SILVER WATCHES

3 oz. and 4 oz. Silver Watches with GOLD INLAY. Also Plain Cases Bought.

- **18s Movements (with defects o.k.)**
- **18s Good Dials**
- **18s Glass Crystals**
- **Bigger Lots of Spare Parts**

We also buy **multi-coloured** solid gold pocket watches of any description. Best price paid for right items. We are presently at the main American Pocket Watch conventions approximately 4 to 6 times a year. Send your offers with description—**IT PAYS!**

KOPEEKKA

Fleminginkatu 12
00530 Helsinki 53
P. O. Box 576
00101 Helsinki 10
Finland

Member of NAWCC
081102

— Diamonds Bought for Top Price —

GEMSTONES • RARE WATCHES
JEWELRY • OBJETS DE VERTU

LIQUIDATION • APPRAISAL • BROKERAGE

Decorative & Jewelled Cases
Complicated Movements
All Inquiries Promptly Answered

GARY HOFFMAN

G.E.B. Inc.
318 North Federal Hwy.
Boca Raton, FL 33432
(305) 368-7400 368-6044 475-4124

POCKET WATCHES

Mish
International
Monetary
Inc.

19 Years
in San Francisco
Bay Area

BOUGHT • SOLD • TRADED

Railroads a Specialty
Mostly American Pocket Watches
American and Swiss Hi-Grade Wrist Watches
Pocket Watch Cases Wanted (American Only)
SEND US YOUR WANT LIST

COINS

GEMS

Also Buying & Selling Gold and Silver Bullion
Rare Coins—Diamonds—Estate Jewelry

Home Office & Showroom
1154 University Drive
P.O. Box 937
Menlo Park, California
USA 94025
(415) 324-9110

Ira P. Mish

NAWCC
#70123

WRIST WATCHES

CURRENT BUY LIST

TOM ENGLE

NAWCC No. 39169

SPECIALIZING
BUYING
ENTIRE
WATCH COLLECTIONS

QUALITY WATCHES AT TODAYS PRICES
Tom
and Joyce
ENGLE

CONFIDENTIAL
TRANSACTIONS
FREE
APPRAISALS

SEND NAME, ADDRESS, PHONE NO. FOR BIG FREE SELL LIST WITH PHOTOS

PAYING FAIR HONEST PRICES

We are always looking to buy hi-grade and scarce European watches — Enamels — Solid Gold Repeaters, such as Adolph Lange — J Assmann — Patek Philippe — Grossman — Jules Jurgensen — Audemar — Ekegrin — Vacheron & Constantine Any type wrist watch with moon phase — any type complicated time piece. Enamels — Form Watches — Carrousels — Tourbillions — Oversize Gold Watches — Ornate Multi-Colors

James and Henry Pitkin	$10,000 Up
Mozart Watch Co.	$10,000 Up
Howard-Dennison-Davis #1-17	$10,000 Up
Jacob D Custer	$7,000 Up
E.F Bowman	$7,000 Up
George P. Reed	$4,000 Up
Luther Goddard Eagle	$5,000 Up
Nashua Watch Co.	$3,000 Up
Potter Watch Co.	$5,000 Up
Edward Howard Freesprung #1-250 in box	$6,000 Up
Freeport Watch Co.	$3,500 Up
C. Fasoldt	$6,000 Up
San Jose Watch Co.	$1,500 Up
Otay Watch Co	$1,500 Up
California Watch Co.	$1,000 Up
Osaka Watch Co.	$650 Up
San Francisco Watch Co.	$650 Up
Cornell San Francisco	$450 Up
26 Jewel Bunn Special	$4,500 Up
25 Jewel Seth Maiden Lane	$2,500 Up
28 Jewel Seth Maiden Lane	$12,000 Up
Waltham Premier Maximus 18K Premier Case	$4,500 Up
Illinois Keywind Bunn-Stuart	$400 Up
23 Jewel 946 Hamilton	$300 Up
23J Bunn 60 Hour Bunn Case	$300 Up
New York Standard Worm Gear	$300 Up
18/s Multi-Color Gold Box Hinge 14-18K	$2,000 Up
Waltham 5 Min Repeater Orig 18K Case	$2,800 Up
Waltham Crystal Plate or Stone Movement (has transparent back plates)	$3,000 Up
Gruen 50th Anniversary 18K in Original leather box	$2,000 Up
Dudley Masonic 1st Model #1-1300 in 14K flip open case - original box	$2,000 Up
23J Hamilton Marked Masterpiece 18K	$500 Up
24J Rockford	$700 Up
21J Seth Thomas Maiden Lane	$550 Up
23J Seth Thomas	$650 Up
24J Seth Thomas Maiden Lane	$900 Up
14K 20/s Minute Repeater H C Chronograph	$1,400 Up
18K 20/s Minute Repeater H.C Chronograph	$1,700 Up
14K 16/18-s Minute Repeater O F Slide Repeat	$800 Up
14-18K Quarter Repeater H C Chronograph	$1,000 Up

14-18K Quarter Repeater O F. Chronograph	$700 Up
Large Size Triangular Masonic Silver Watch	$800 Up
Fan Shaped Sector Watch Silver Case	$900 Up
18/s 18K Chronometer Any Make	$800 Up

Watches below to be signed on case — movt. — and dial by maker with 18K cases and porcelain dial in mint condition Add $300 with original wood carrying case and papers

Patek Philippe OF 18K	$600 Up
Patek Philippe HC 18K	$1,200 Up
Patek Philippe Chronograph OF 18K	$1,200 Up
Patek Philippe Chronograph HC 18K	$1,600 Up
Patek Philippe Split Seconds OF 18K	$2,200 Up
Patek Philippe Split Seconds HC 18K	$2,600 Up
Patek Philippe 5 Minute Repeater OF 18K	$2,800 Up
Patek Philippe 5 Minute Repeater H C 18K	$3,200 Up
Patek Philippe 1 Minute Repeater O F 18K	$3,600 Up
Patek Philippe 1 Minute Repeater H.C. 18K	$4,000 Up
Patek Philippe Split Sec 1 Minute Repeater O F 18K	$5,500 Up
Patek Philippe Split Sec 1 Minute Repeater H C. 18K	$6,000 Up
Patek Philippe Split Sec 1 Min Repeater Moon Phase Perpetual Calendar O F 18K	$28,000 Up
Patek Philippe Split Sec 1 Min Repeater Moon Phase Perpetual Calendar H.C 18K	$32,000 Up
Patek Philippe Rectangular Wrist Watch	$800 Up
Patek Philippe Round Wrist Watch	$500 Up
Patek Philippe Wrist Watch Moon Phase Perp Cal.	$2,500 Up
Jules Jurgensen O F 18K	$800 Up
Jules Jurgensen H.C 18K	$1,400 Up
Jules Jurgensen Chronograph O F -H.C.	$1,800 Up
Jules Jurgensen Split Seconds O F -H.C.	$2,800 Up
Jules Jurgensen 5 Minute Repeater O F - H.C 18K	$3,600 Up
Jules Jurgensen 1 Minute Repeater O.F - H.C 18K	$4,500 Up
Jules Jurgensen Split Sec 1 Min Repeater H.C 18K	$5,800 Up
Jules Jurgensen Split Sec 1 Min Repeater Moon Phase Perpetual Calendar H C 18K	$40,000 Up
A. Lange O.F 18K	$900 Up
A Lange H C. 18K	$1,600 Up
A Lange Chronograph O F HC 18K	$2,200 Up
A. Lange Split Seconds O F H.C 18K	$3,000 Up
A. Lange 5 Minute Repeater O F H.C 18K	$5,000 Up
A Lange 1 Minute Repeater O.F H.C 18K	$8,000 Up
A. Lange Split Sec 1 Min Repeater Moon Phase Perpetual Calendar H.C 18K	$45,000 Up

IMPORTANT NOTICE

SEND S.A.S.E. FOR TOM & JOYCE'S BIG WATCH LIST OF MEDIUM TO HIGH GRADE AND RARE AMERICAN & FOREIGN WATCHES. APPROX. 150 ITEMS COMPLETE WITH PHOTOS.

I need to buy some large collections of good and common grade American Railroad Watches.
21J - 23J - 24J - 25J - 26J - and common collection.

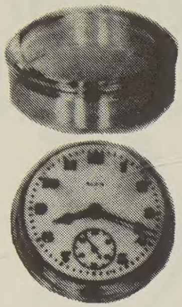
IF YOU NEED A SUPER QUALITY WATCH, WRITE OR CALL ME. I MAY HAVE IT IN MY INVENTORY.

TOM AND JOYCE ENGLE — 4809 Famous Way, Louisville, KY 40219
(502) 969-9778 (813) 360-6645

CLEAR PLASTIC
WATCH MOVEMENT
SHIPPING CASE

18 and 16 Size
(12 Size Fits In
16 Size)

$4.95
Per Dozen
Includes
Shipping



(Minimum Order 2 Dozen)

Order Prepaid From

McGINNIS BROS. IND.
P.O. BOX 442
GREENVILLE, PA 16125

NAWCC 29114-29743

Element of Time

SALES
REPAIRS

WATCHES
CLOCKS
JEWELRY

DONALD & CARROL WAGONER
5719 LA JOLLA BLVD
LA JOLLA, CA 92037
(619) 454-5377

ADAMS BROWN CO.

HOROLOGICAL LITERATURE

P. O. BOX 357
CRANBURY, NEW JERSEY 08512

BOOKS
on
HOROLOGY
and Related Subjects

WATCHES
CLOCKS
SUN DIALS
TIME

Send 2 Stamps
For
Free Catalog

ANTIQUE, MODERN, HISTORICAL, TECHNICAL

MAUNDY INTERNATIONAL

THE NAME to Remember for Rare Watches

Whether you are buying or selling, be it a single timepiece, an entire collection or estate, the name to remember is Miles Sandler at Maundy International.

FOR YOUR ADDED CONVENIENCE - NEW TOLL FREE POCKET WATCH HOT LINE TELEPHONE NUMBER AT NO EXPENSE TO YOU 1-800-23J-BUNN (1-800-235-2866) anywhere in the Continential United States (in Kansas call area code 913-383-2880 collect) if you wish to purchase a watch or have a watch for sale or trade. Remember, I am as close as your phone, and now, the phone call is on me!
HOURS: 10 AM - 8 PM Monday - Friday
Weekends by chance

As always, I pay significant Finder$ Fee$ for information leading to the purchase of any size collection of pocket watches (especially Railroads and American keywinds & other rare watches, but also fine foreign watches, repeaters, MOON-phases, and other complications, as well). I am especially interested in purchasing entire collections, estates, jewelry stores, and am interested in individual watches. Feel free to call and discuss with me what you may have for sale.

If you are not already on my mailing list for my monthly catalog of watches for sale, please fill in the coupon below for a complimentary copy, free to active collectors.

Satisfaction is always guaranteed, with a 3 day return privilege on all watches ordered. As a professional horologist, it is my intention to provide my clients with the finest watches available at reasonable fair prices. The same holds true when I purchase a watch from you. I do not try to retire upon the purchase of a single watch or collection. Free verbal appraisals gladly given. I am not satisfied until you are. You may ship watches to me for my offer and remain sure that they will be kept at my bank pending your complete approval. If you have a large collection I suggest a note or phone call first.

I have been collecting and dealing in watches for over 12 years now. Certified written appraisals for insurance purposes, estate settlements, and any other proceeding can be arranged. Please call me for more information. I have been used as an price consultant in several current books on watches, and have the proper background and credentials for expert testimony and evaluation concerning whatever your need may be relating to watches.

Member NAWCC - BHI - AWI - Life Member ANA - International Society of Appraisers

CLIP & MAIL

(983m)

☐ Yes, I would like to be placed on your mailing list, complimentary to active collectors.

Name ______

Address ______

City ______ State ______ Zip ______

Phone ( ) Home ______ Office ______

My current want list: ______

______

______

Currently I have for sale or trade: ______

______

______ ______

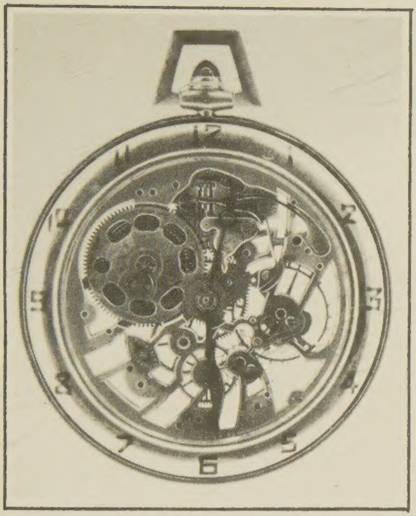
CLIP & MAIL

I plan to attend most of the regionals and national each year. Call me if you have a watch or watches for sal and I will meet you at or before each show to discus your items. Privacy and confidentiality are assured, o course.

MAUNDY INTERNATIONAL
Miles F. Sandler, Horologist
9071 Metcalf, Suite 108
Overland Park, Kansas 66212
1-800-23J-BUNN
or call 913-383-2880

Hours: 10AM-8PM Mon. - Fri.
Weekends by chance

ANTIQUE WATCHES
WILLIAM SCOLNIK
WATCHMAKER - HOROLOGIST
1001 Second Avenue ● New York, N.Y. 10022
(212)355-1160 Days ● (201)843-2610 Evenings



I am buying watches of every type. I am particularly interested in rare American watches such as Fasoldt, Potter, Mozart, Auburndale Rotary, 25 jewel, etc. Foreign watches are my specialty and I am particularly interested in watches by Patek, Jurgensen, and Vacheron. Calendar watches, repeaters, unusual escapements, musical watches, enamels, early watches, unusual dials, etc. are also of extreme interest. If you have something of interest whether it's $500 or $50,000 give me a call. I really want to hear from you!!

* * * * * *

I ISSUE CATALOGS OF WATCHES FOR SALE REGULARLY. IF YOU ARE NOT ON MY MAILING LIST AND WOULD LIKE A COPY, PLEASE WRITE REQUESTING THE LATEST COPY.

A CATALOG OF
WATCHES
FOR SALE
William L. Scolnik

SHOP ADDRESS
1001 Second Avenue
New York, N.Y. 10022

WILLIAM L. SCOLNIK INC.
36 Paramus Rd. Paramus, N.J. 07652

NAWCC #39169

TOM ENGLE
CURRENT BUYING PRICES
SEND FOR FREE GIGANTIC SALES LIST

QUALITY WATCHES AT TODAY'S PRICES
Tom and Joyce ENGLE

Potter Watch Co. #1-40	$5,000 Up
George P. Reed	$4,000 Up
E. F. Bowman	$7,000 Up
Howard-Dennison-Davis #1-17	$10,000 Up
Dudley Masonic 1st Model #1-1300 in 14K Flip Open Case	$1,800 Up
Gruen 50th Anniversary 18K in Leather Box	$2,000 Up
Waltham Crystal Plate Stone Movement	$3,000 Up
Waltham Premier Maximus 18K Maximus Case, box & papers	$6,000 Up
Edward Howard 18K Original Case, box & papers	$7,000 Up
25 Jewel American Railroad Any Make	$1,500 Up
26 Jewel American Railroad Any Make	$3,500 Up
21 Jewel Ben Franklin 18 Size	$800 Up
26 Jewel Ben Franklin 18 Size	$4,000 Up
New York Standard Worm Gear	$300 Up
Otay Watch Co. Any Model	$800 Up
24 Jewel Rockford Watch Co.	$800 Up
Henry Pitkin	$10,000 Up
Mozart Watch Co.	$10,000 Up
Cornell San Francisco	$450 Up
C. Fasoldt	$6,000 Up
American Railroad Collections, Any Size	Any Price
Jules Jurgensen, Patek Philippe, Adolph Lange 18K Open Face	$700 Up
Patek Philippe - A. Lange Minute Repeater	$4,000 Up
Patek - Jurgensen - Lange - Minute Repeater Split Sec - Perpetual Calendar - Moon Phase, 18K H.C.	$30,000 Up
Patek Wrist Watches 18K	$550 Up
Wrist Watches with Moon Phase - Gold	$600 Up

SPECIALIZING BUYING ENTIRE COLLECTIONS
—FAIR HONEST PRICES—
Call or Write
TOM AND JOYCE ENGLE
4809 Famous Way • Louisville, Kentucky 40219
(502) 969-9778 (813) 360-6645

(Advertisement)

Overstreet Publications, Inc.
780 Hunt Cliff Dr. N.W.
Cleveland, TN 37311

ISBN: 0-89145-255-9
ISSN: 0730-2924